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JVC PD-50X795 SERVICE MANUAL

Table of Contents

PRECAUTION
SPECIFIC SERVICE INSTRUCTIONS
DISASSEMBLY
ADJUSTMENT
caring for the screen
Unpacking your TV
Attaching the stand to the TV
TV/Receiver
TV Remote Control
Getting Started

Set up your TV
connecting the power cord to the ac outlet
connecting the tv and receiver
basic operation
The Remote Control
Display Front/Receiver Front
cable or antenna
Connecting Your Devices
vcr connection
connecting to jvc av compu link
connecting to a camcorder
connecting to an external amplifier
connecting to the computer
table of signals for each type of computer
connecting to a digital tv receiver
Interactive Plug In Menu
auto clock set
manual clock set
VCR Codes
DVD Codes
Search Codes
Using the Guide
Onscreen Menu System
Auto Tuner Setup
Channel Summary
V-Chip
unrated programs
Set Lock Code
Auto Demo
Image Shift

Language
Closed Caption
Auto Shut Off
XDS ID
Noise Muting
Front Panel Lock
V1 Smart Input
Video Input Label
Position Adjustment
Power Indicator
Video-1 Monitor Out
TV Speaker
Audio Out
Digital-In
Digital-In Audio
Center CH Input
Picture Settings
Color Temperature
Digital Noise Clear
Color Management
Dynamic Gamma
Burn-in Image Reducer
Reset
Sound Settings
Adjust Sound Settings
Reset
Set Clock
On/Off Timer
Multi Screen Function

Twin

Freeze

Index

Select

Swap

Power

Number Buttons

Tune

Input

TheaterPro D6500K

Return+/TV

Sound

Muting

Video Status

Natural Cinema

Sleep Timer

ML/MTS

Display

Channel

Volume

Favorite

Aspect

Aspect Ratios

Menu

Back

TV/CATV Slide Switch

VCR/DVD Slide Switch

VCR Buttons

DVD Buttons

Light
Antenna Level
Digital Sound
Aspect Ratio
Cable Card Application
i.LINK Auto Play
Software Update
Digital CH D/A (Digital/Analog)
Sub Channel
i.LINK Menu
Controller
Device
Reservation
Timer
Timer Edit
Guide
Weak Signal
Cable Card Connection
Troubleshooting
Specifications
mm mini jack
Notes
standard circuit diagram
USING P.W. BOARD
WIRING & MAIN PARTS LOCATION [PD-42X795]
WIRING & MAIN PARTS LOCATION [PD-50X795]
BLOCK DIAGRAM
CIRCUIT DIAGRAMS[RECEIVER UNIT]
REAR JACK PWB CIRCUIT DIAGRAM

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM
FRONT CONTROL PWB CIRCUIT DIAGRAM
SYSTEM POWER PWB CIRCUIT DIAGRAM
CIRCUIT DIAGRAMS[DISPLAY UNIT]
DISPLAY INTERFACE PWB CIRCUIT DIAGRAM
AUDIO PWB CIRCUIT DIAGRAM
DISPLAY SWITCH PWB CIRCUIT DIAGRAM
LINE FILTER PWB CIRCUIT DIAGRAM
MAIN POWER PWB CIRCUIT DIAGRAM [PD-42X795]
SUB POWER PWB CIRCUIT DIAGRAM
PATTERN DIAGRAMS[RECEIVER UNIT]
RECEIVER PWB PATTERN
ANALOG SIGNAL PWB PATTERN
REAR JACK PWB PATTERN
SD CARD PWB PATTERN
DIGITAL SIGNAL PWB PATTERN
FRONT CONTROL PWB PATTERN
SYSTEM POWER PWB PATTERN
REGULATOR PWB PATTERN
PATTERN DIAGRAMS[DISPLAY UNIT]
DISPLAY INTERFACE PWB PATTERN
AUDIO PWB PATTERN
LINE FILTER PWB PATTERN
TEMP. SENSOR PWB PATTERN
DISPLAY LED PWB PATTERN
DISPLAY SWITCH PWB PATTERN
MAIN POWER PWB PATTERN
SUB POWER PWB PATTERN
VOLTAGE CHARTS
WAVEFORMS

parts list
USING P.W. BOARD & REMOTE CONTROL UNIT
EXPLODED VIEW PARTS LIST - 1
[VM-42X795/S]
EXPLODED VIEW - 1
EXPLODED VIEW PARTS LIST - 2
EXPLODED VIEW - 2
EXPLODED VIEW PARTS LIST - 3
EXPLODED VIEW - 3
EXPLODED VIEW PARTS LIST - 4
[VM-50X795/Z]
EXPLODED VIEW - 4
EXPLODED VIEW PARTS LIST - 5
EXPLODED VIEW - 5
EXPLODED VIEW PARTS LIST - 6
EXPLODED VIEW - 6
PRINTED WIRING BOARD PARTS LIST [VM-42X795/S]
DISPLAY INTERFACE P.W. BOARD ASS'Y (SFP-7504A-M2)
AUDIO P.W. BOARD ASS'Y (SFP-6502A-M2)
TEMP. SENSOR P.W. BOARD ASS'Y (SSB-8381A-M2)
DISPLAY LED P.W. BOARD ASS'Y (SSB0L285A-M2)
DISPLAY SWITCH P.W. BOARD ASS'Y (SSB0L385-M2)
LINE FILTER P.W. BOARD ASS'Y (SFP-9509A-M2)
MAIN POWER P.W. BOARD ASS'Y (SFP-9503A-M2)
SUB POWER P.W. BOARD ASS'Y (SFP-9505A-M2)
PRINTED WIRING BOARD PARTS LIST [VM-50X795/Z]
DISPLAY INTERFACE P.W. BOARD ASS'Y (SFP-7503A-M2)
AUDIO P.W. BOARD ASS'Y (SFP-6501A-M2)
TEMP. SENSOR P.W. BOARD ASS'Y (SSB-8381A-M2)
DISPLAY LED P.W. BOARD ASS'Y (SSB0L285A-M2)

DISPLAY SWITCH P.W. BOARD ASS'Y (SSB0L385-M2)
LINE FILTER P.W. BOARD ASS'Y (SFP-9508A-M2)
SUB POWER P.W. BOARD ASS'Y (SFP-9505A-M2)
EXPLODED VIEW PARTS LIST - 7
RECEIVER UNIT
USING P.W. BOARD
EXPLODED VIEW - 7
PRINTED WIRING BOARD PARTS LIST [TU-42X795/S]
DIGITAL SIGNAL P.W. BOARD ASS'Y (SFP0D502A-M2)
FRONT CONTROL P.W. BOARD ASS'Y (SFP-8501A-U2)
AV JACK P.W. BOARD ASS'Y (SFP0J501A-M2)
RECEIVER P.W. BOARD ASS'Y (SFP0F501A-M2)
SYSTEM POWER P.W. BOARD ASS'Y (SFP-9511A-M2)
REGULATOR P.W. BOARD ASS'Y (SFP-9507A-M2)
ANALOG SIGNAL P.W. BOARD ASS'Y (SFP0A501A-M2)
SD CARD P.W. BOARD ASS'Y (SFP-8505A-M2)
ATSC TUNER MODULE (SSD-2101A-M2)
PRINTED WIRING BOARD PARTS LIST [TU-50X795/Z]
DIGITAL SIGNAL P.W. BOARD ASS'Y (SFP0D501A-M2)
FRONT CONTROL P.W. BOARD ASS'Y (SFP-8501A-U2)
AV JACK P.W. BOARD ASS'Y (SFP0J501A-M2)
RECEIVER P.W. BOARD ASS'Y (SFP0F501A-M2)
SYSTEM POWER P.W. BOARD ASS'Y (SFP-9511A-M2)
REGULATOR P.W. BOARD ASS'Y (SFP-9507A-M2)
ANALOG SIGNAL P.W. BOARD ASS'Y (SFP0A501A-M2)
SD CARD P.W. BOARD ASS'Y (SFP-8505A-M2)
ATSC TUNER MODULE (SSD-2101A-M2)
PACKING PARTS LIST
REMOTE CONTROL UNIT PARTS LIST (RM-C14G-1H)
PACKING

EXPLODED VIEW - 8
EXPLODED VIEW PARTS LIST - 8
PACKING
PACKING PARTS LIST
Other ManualsLib Projects

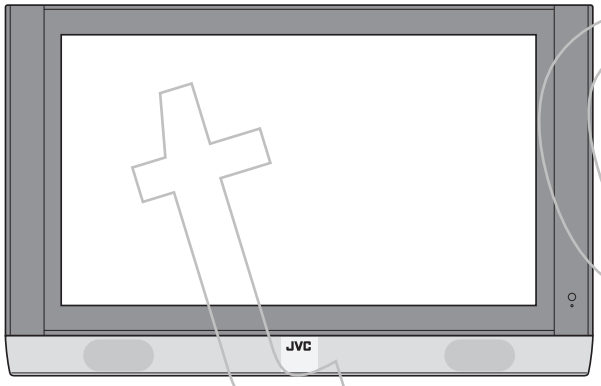
JVC

SERVICE MANUAL

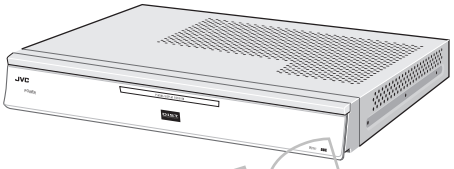
PDP COLOR TELEVISION

PD-42X795/S,
PD-50X795/Z

BASIC CHASSIS
FP2



VM-42X795 / VM-50X795
[PLASMA DISPLAY UNIT]



TU-42X795 / TU-50X795
[RECEIVER UNIT]

I'Art Palette

D.I.S.T. Digital Image Scaling Technology

BBE

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

i.

TABLE OF CONTENTS

1 PRECAUTION 1-3
2 SPECIFIC SERVICE INSTRUCTIONS 1-6
3 DISASSEMBLY 1-11
4 ADJUSTMENT 1-28
5 TROUBLESHOOTING 1-38

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SPECIFICATION

Items		Contents	
		PD-42X795	PD-50X795
Dimensions (W × H × D)	Plasma Display Unit	116cm × 73.1cm × 10.8cm (45-3/4" × 28-7/8" × 4-1/4")	135cm × 83.6cm × 11cm (53-1/4" × 33" × 4-3/8")
	Receiver Unit	43.5cm × 7cm × 31.3cm (17-1/4" × 2-7/8" × 12-3/8")	
Mass	Plasma Display Unit	38kg (83.6lbs)	51kg (112.2lbs)
	Receiver Unit	4.3kg (9.5lbs)	
TV RF System (Analog / Digital)	Analog	CCIR (M)	
	Digital	ATSC terrestrial / Digital cable	
Color System (Analog)		NTSC	
Sound System (Analog)		BTSC (Multi Channel Sound)	
Teletext System (Analog)		Closed caption (T1-T4 / CC1-CC4)	
TV Receiving Channels and Frequency (Analog)	VHF Low	02ch - 06ch : 54MHz - 88MHz	
	VHF High	07ch - 13ch : 174MHz - 216MHz	
	UHF	14ch - 69ch : 470MHz - 806MHz	
	CATV	54MHz - 804MHz Low Band : 02 - 06 High Band : 07 - 13 Mid Band : 14 - 22 Super Band : 23 - 36 Hyper Band : 37 - 64 Ultra Band : 65 - 94, 100 - 135 Sub Mid Band : 01, 96 - 99	
TV / CATV Total Channel		191 Channels	
Intermediate Frequency (Analog)	Video IF	45.75 MHz	
	Sound IF	41.25 MHz (4.5MHz)	
Color Sub Carrier Frequency (Analog)		3.58 MHz	
Power Input		AC120V, 60Hz	
Power Consumption	Plasma Display Unit	387.4W (Max) / 369W (Avg)	491.4W (Max) / 468W (Avg)
	Receiver Unit	39.9W (Max) / 38W (Avg)	
Plasma Display Panel (PDP)		42V wide aspect (16:9)	50V wide aspect (16:9)
Screen Size		Diagonal : 107.5cm (H:933cm × V : 53.3cm)	Diagonal : 127.0cm (H:110.7cm × V : 62.2cm)
Display Pixels		Horizontal : 1024 pixels × Vertical : 768 pixels (XGA)	Horizontal : 1365 pixels × Vertical : 768 pixels (W-XGA)
Audio Power Output		20W + 20W	
Speaker	Main (DD)	9.5cm × 1cm (3-3/4 × 7-7/16"), oval type × 2	
	Tweeter	2cm (13/16"), round type × 2	
	Woofer	13cm × 6.5cm (5-1/8 × 2-9/16"), oval type × 2	
Antenna terminal (VHF/UHF, ATSC / DIGITAL CABLE IN)		F-type connector, 75Ω unbalanced, coaxial × 2	
Video / Audio Input [INPUT-1/2/3/4]	Component Video [INPUT-1/2]	RCA pin jack × 6	
	1125i / 750p	Y : 1V (p-p) (Sync signal: 0.35V(p-p), 3-value sync.), 75 Ω Pb/Pr : ±0.35V(p-p), 75 Ω	
	525p / 525i	Y : 1V (p-p), positive (Negative sync), 75 Ω Pb/Pr : 0.7V(p-p), 75 Ω	
	S-Video [INPUT-1/3/4]	Mini-DIN 4 pin × 3 Y: 1V (p-p), positive (Negative sync), 75 Ω C: 0.286V (p-p) (Burst signal), 75 Ω	
	Video	1V (p-p), positive (Negative sync), 75 Ω, RCA pin jack × 4	
	Audio	500mV (rms), high impedance, RCA pin jack × 8	
Digital Input	Video	HDMI connector × 1 (Digital-input terminal is not compatible with picture signals of computer signal)	
	Audio	Digital: HDMI connector × 1 Anarog: 500mV(rms) (-4dBs), high impedance, RCA pin jack × 2	
Audio Output		RCA pin jack × 2	
	Variable	More than 0 to 1000mV (rms) (+2.2dBs)	
	Fix	500mV(rms), (-4dBs), low impedance (400Hz when modulated 100%)	
Monitor / Recording Output	S-Video	Mini-DIN 4pin × 1 Y: 1V (p-p), 75Ω C: 0.286V(p-p) (burst signal), 75Ω	
	Video	1V (p-p), 75Ω, RCA pin jack × 1	
	Audio	250mV(rms) (-10dBs), Fs-18dB low impedance, RCA pin jack × 2	
PC (RGB) Input		D-sub 15pin × 1 R/G/B : 0.7V (p-p), 75Ω HD / VD : 1V (p-p) to 5V (p-p), high impedance < Available signal > VGA : 640 pixels × 480 pixels (Horizontal : 31.5kHz / Vertical : 60Hz) XGA : 1024 pixels × 768 pixels (Horizontal : 48.4kHz / Vertical : 60Hz)	
Center Channel Input		500mV(rms) (-4dBs), high impedance,RCA pin jack × 1	
Sub woofer Output		More than 0 to 1000mV (rms) (+2.2dBs), low impedance (80Hz when modulated 100%), RCA pin jack × 1	
Digital Audio Optical Output		Digital SPDIF × 1	
AV COMPULINK III		3.5mm mini jack × 1	
iLink Input/Output		TS In/Out (4-pin, S400) × 2, IEEE1394 compliant DTCP digital copy protection compatible	
Display Input / Output (For system cable)	Control / Audio	D-sub 26-pin connector × 2	
	Video	DVI-D 24-pin connector × 2	
Remote Control Unit		RM-C14G (AA/R6 / UM-3 battery × 2)	

Design & specifications are subject to change without notice.

SECTION 1
PRECAUTION

1.1 SAFETY PRECAUTIONS

(1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

(4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED (NEUTRAL) : (⏚) side GND and EARTH : (⏚) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.

(5) If any repair has been made to the chassis, it is recommended that the PDP POWER SUPPLY setting should be checked or adjusted.

(6) The high voltage applied to the PDP must conform with that specified in Service manual. Excessive high voltage can cause an increase in arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper components in the circuitry including the PDP must be the exact replacements or alternatives approved by the manufacturer of the complete product.

(7) Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.

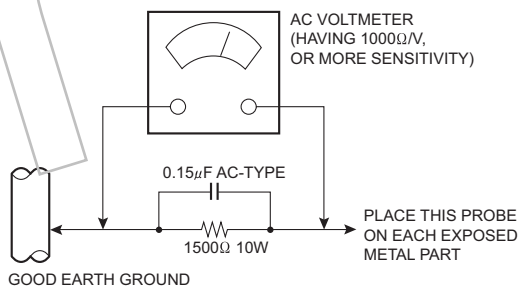
(8) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(9) **Isolation Check (Safety for Electrical Shock Hazard)**
After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires a test equipment not generally found in the service trade.

b) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 INSTALLATION

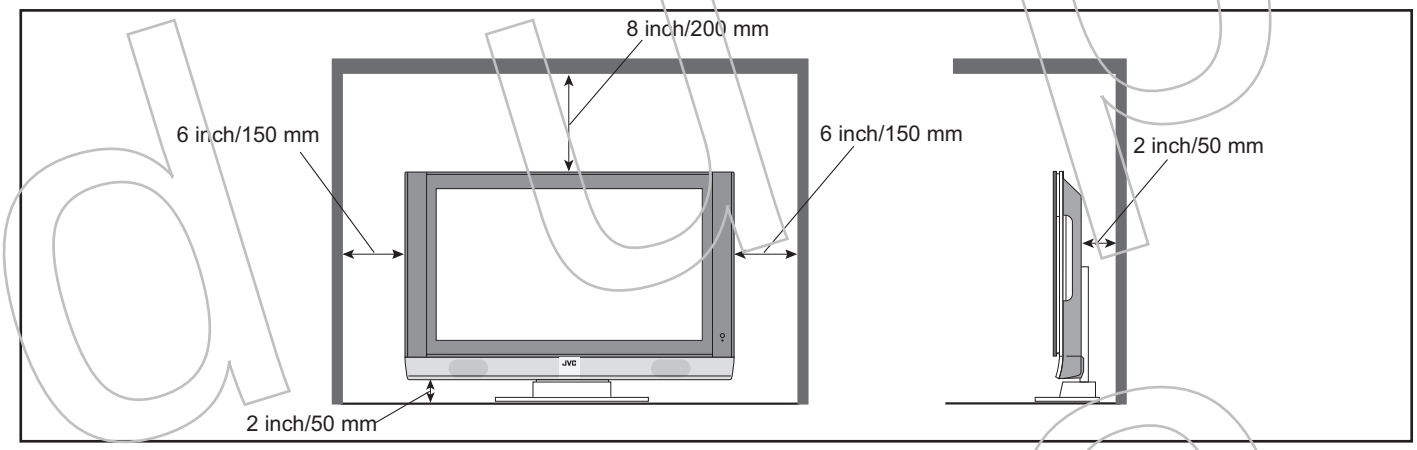
1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the pre-determined level and power will be turned off automatically.
Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

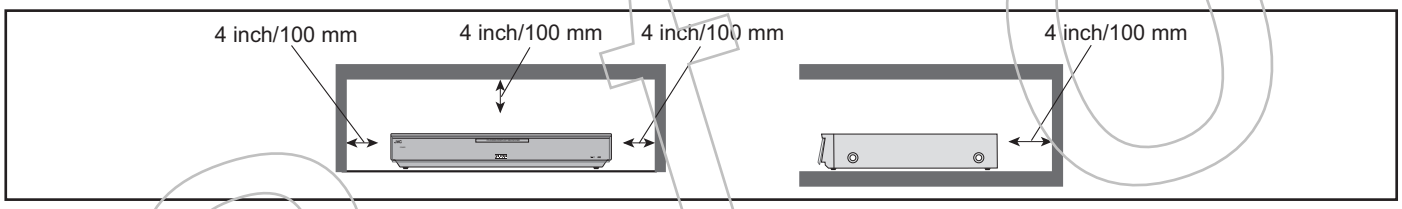
1.2.2 INSTALLATION REQUIREMENTS

Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc. Install the unit on stable flooring or stands. Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.

■SPACE REQUIRED FOR INSTALLATION OF THE DISPLAY UNIT

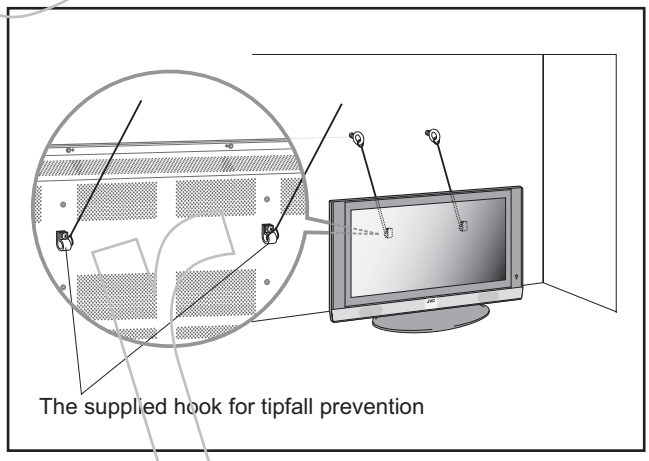


■SPACE REQUIRED FOR INSTALLATION OF THE RECEIVER UNIT



1.2.3 FALL TIP PREVENTION MEASURES

Take precautionary measures to prevent the unit from falling or tipping to protect against emergencies such as earthquakes as well as accidents.
Fasten the supplied hook for tip fall prevention using the screws, also supplied, behind the display unit, and use them together with durable cords (to be purchased separately) to secure the unit to a robust part such as the wall surface or pillars.



1.3 PRECAUTIONS REGARDING PDP

1.3.1 PRECAUTIONS DURING NOTES FOR TRANSPORTATION

When transporting the unit, pressure exerted on the internal PDP (Plasma Display Panel) due to improper handling (such as tossing and dropping) may cause damages even when the unit is carefully packed. To prevent accidents from occurring during transportation, pay careful attention prior to delivery such as through explaining the handling instructions to transporters.

Ensure that the following requirements are met during transportation, as the PDP of this unit is made of glass and therefore fragile:

(1) Avoid vibrations and impacts

The unit may be broken if it is toppled sideways even when properly packed. Ensure that the unit is carried by at least 2 persons and pay careful attention not to exert any vibration or impact on it.

(2) Do not place equipment horizontally

Ensure that it is placed upright and not horizontally during transportation and storage as the PDP is very vulnerable to lateral impacts and may break easily under such circumstances.

During transportation, ensure that the unit is loaded along the traveling direction of travel of the vehicle, and avoid stacking them on one another.

For storage, ensure that they are stacked in 2 layers or less even when placed upright.

1.3.2 RESIDUAL IMAGE / BURN-IN ON SCREEN

Like CRTs, "burn-in" may occur when a same image is continuously displayed over an extended period of time.

As this may also shorten the life span of the PDP. Therefore, turn off the display when not in use, scroll the screen, make use of screen-savers, or allow even distribution on the display by inverting the brightness, switching to complementary colors or inserting animated images at periodic intervals.

As burn-in is more likely to occur with high brightness and contrast settings, try to use neutral gradations or medium tone colors.

Burn-in does not occur in the case of animated images.

When switching to another image after continuous display of the previous image, residual images may become prominent, as luminance in a part of the display is higher than the other parts.

This is not a defect but is because due to the discharge surface of the lighted portion has become being relatively activated and its luminance higher than the unlighted parts.

1.3.3 INFRARED RAYS

Near Near-infrared rays (800nm to 1000nm) are emitted from the front of the panel, and this may give rise to malfunctions in infrared remote controls or communication systems placed near it. In this case, avoid direct infrared rays (and reflected rays in some cases) from the screen by either changing the direction of the unit or other infrared systems or securing a longer keeping a distance from the screen.

1.3.4 OPTICAL FILTER (PANEL FILTER)

Avoid placing the unit under direct sunlight over a prolonged period of time. This may cause the optical filter to deteriorate in quality and color.

Clean the filter surface by wiping it softly lightly with outing flannels a soft and lightly fuzz cloth (such as flannel).

Do not use solvents such as benzine or thinner to wipe the filter surface. This may cause the filter to deteriorate in quality or the coating on the surface to come off.

As the filter surface is fragile., do not scratch or hit it with hard materials.

1.3.5 NOTES PRECAUTIONS FOR REPLACEMENT OF EXTERIOR PARTS

Take note of the following when replacing exterior parts (back REAR COVER, FRONT PANEL, optical filter)

- Do not exert pressure on the front of the PDP (glass surface).
- Pay careful attention not to scratch or stain the front of the PDP (surface) with hands.
- When replacing exterior parts, the front of the PDP should be placed facing downward. Place a mat, etc. underneath to avoid causing scratches to the front surface. However, never use materials that are too soft (such as blanket cloth). If replacement is made with the PDP surface facing downward and in contact with the blanket, pressure may be exerted on the PDP, thus causing damages to it.

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

2.1 FEATURES

D.I.S.T. (Digital Image Scaling Technology)
This system uses line interpolation to double the number of scanning lines and achieve high resolution, flicker-free picture.

SMART CAPTION
Smart caption will appear when you press the MUTING button, only on channels where the broadcast contains CLOSED CAPTION information.

SMART SOUND
Decreases high sound levels, giving a regulated sound level.

VIDEO STATUS
Expression of a favorite screen can be chosen by the VIDEO STATUS function.
[STANDARD ↔ DYNAMIC ↔ THEATER ↔ GAME]

DIGITAL INPUT
Digital-in will display when any picture signal (480i/ 480p, 720p/ 1080i) in Digital-in is displayed.

V-CHIP
Since the V-CHIP is built in, it can choose, view and listen to a healthy program.

MTS STEREO
The voice multiplex function of the MTS system is built in. (MTS = Multi channel Television Sound system)

NATURAL CINEMA
Watching the movie or animation, press the Natural Cinema to adjust the out line of the images to make thin more sharp.

BBE
High definition audio adds natural, clear and extraordinary sound quality to any program.

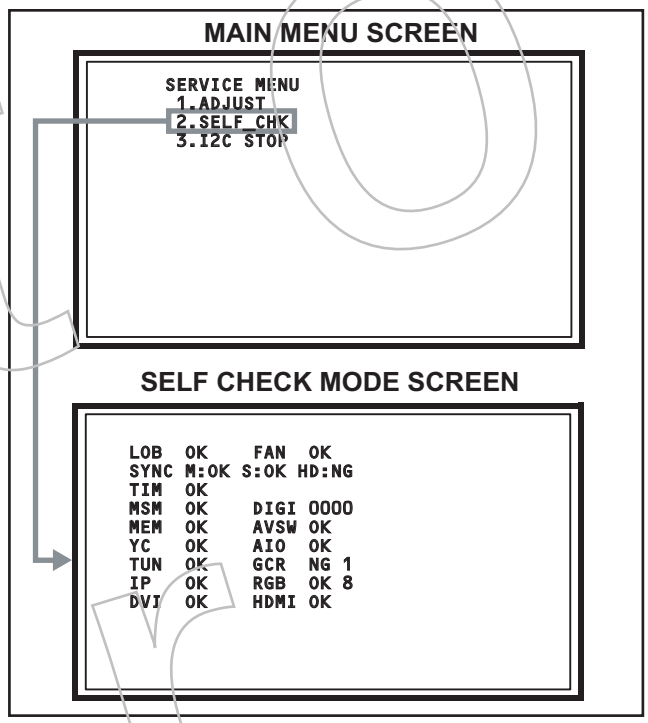
VIDEO INPUT LABEL
This function is used to label video input connections for the onscreen displays.

A.H.S.
Adds a more spacious surround sound. Music gives basic effect and Movie for more effect.

2.2 SYSTEM SETTEING

Be sure to carry out the following operation at the end of the procedure.

(1) Set to 0 minutes using the [SLEEP TIMER] key.
(2) Press the [VIDEO STATUS] key and [DISPLAY] key simultaneously, then enter the SERVICE MODE.
(3) When the Main Menu is displayed, press [2] key to enter the self check mode.
(4) Turn off the power by pressing the [POWER] key on the remote control unit.



2.3 TECHNICAL INFORMATION

2.3.1 PDP STRUCTURE AND CHARACTERISTIC

This unit uses the flat type panel PDP (Plasma Display Panel), instead of the conventional CRT (Cathode Ray Tube), as a display unit.

2.3.1.1 PIXEL (CELL) ARRAY

PDP is constructed by sealing the xenon, which emits neon and ultraviolet rays for discharging purpose, in between the electrodes lay on the front glass substrate and rear glass substrate.
One pixel is composed of 3 RGB cells, with cell pitch of 0.280mm (1 pixel 0.810mm) **[PD-50X795]** / 0.304 mm (1 plxel 0.912 mm) **[PD-42X795]** horizontally and 0.810mm **[PD-50X795]** / 0.693 mm **[PD-42X795]** vertically.
The cell is arrayed in each RGB color as shown in Fig. 1. One pixel is formed by interlacing each RGB color cell.
One cell size is 0.280mm **[PD-50X795]** / 0.304 mm **[PD-42X795]** horizontally and 0.810mm **[PD-50X795]** / 0.693 mm **[PD-42X795]** vertically.

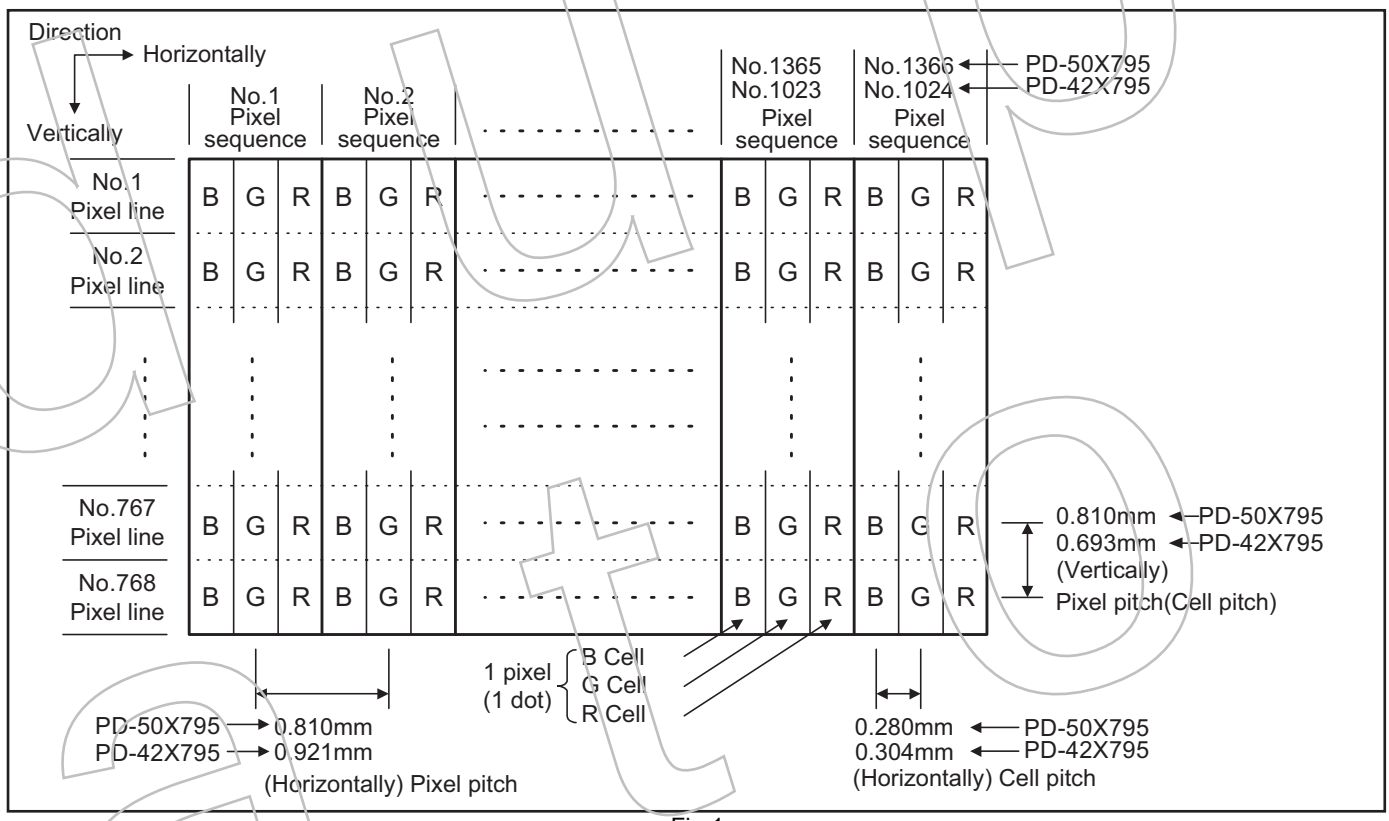


Fig.1

2.3.1.2 PIXEL DEFECTS

Though PDP is made by means of ultra precise technology, there are cases whereby not all pixels (cell) will function properly. In some cases, there may be defective pixels that do not light at all or the ones that always light on.
There are 3 types of Pixel defects, [Bright Dot Defects], [Dark Dot Defects] and [Flicker Dot Defects], as defined respectively in the following:

(1) BRIGHT FAULT

In this pixel fault, a cell that should not light originally is lighting on and off.
For checking this pixel fault, input ALL BLACK SCREEN and find out the cell that is lighting on and off.

(2) DARK FAULT

In this pixel fault, a cell that should light originally is not lighting or lighting with the brightness twice as brighter as originally lighting.
For checking this pixel fault, input 100% of each R/G/B colour and find out the cell that is not lighting.

(3) FLICKER FAULT

In the pixel fault, a cell that should light originally or not light originally is flashing on and off.
For checking this pixel fault, input ALL BLACK SCREEN signal or 100% of each RGB colour and find out the cell that is flashing on and off.

2.3.2 MAIN CPU PIN FUNCTION [IC7601 = DIGITAL SIGNAL PWB ASS'Y : RECEIVER UNIT]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	VHOLD1	I	Data slice for main screen closed caption	51	NC	O	Not used
2	HFLT1	I/O	LPF for main screen closed caption video input	52	NC	O	Not used
3	NC	O	Not used	53	NC	O	Not used
4	NC	O	Not used	54	NC	O	Not used
5	DIGR0	O	R [0] for OSD	55	NC	O	Not used
6	TB1in	I	AC power for timer clock	56	NC	O	Not used
7	REMO	I	Remote control	57	NC	O	Not used
8	BYTE	I	Not used	58	NC	O	Not used
9	CNVss	I	CPU programming mode select [Normal = L]	59	NC	O	Not used
10	DIGG0	O	G [0] for OSD	60	NC	O	Not used
11	DIGB0	O	B [0] for OSD	61	NC	O	Not used
12	RESET	I	Reset for main CPU [Reset = L]	62	HSYNC	I	H. sync for OSD
13	Xout	O	System clock osillation (crystal) : 16MHz	63	NC	O	Not used
14	Vss	-	GND	64	VSYNC	I	V. sync for OSD
15	Xin	I	System clock osillation (crystal) : 16MHz	65	NC	O	Not used
16	Vccl	I	3.3V power supply	66	NC	O	Not used
17	OSC1	I	Clock for OSD	67	NC	O	Not used
18	OSC2	O	Not used	68	NC	O	Not used
19	INT1	I	AV COMPULINK control	69	NC	O	Not used
20	INT0	I	Request for sub(chassis) CPU communication (serial data)	70	NC	O	Not used
21	OUT1	O	Ys (blanking) for OSD	71	NC	O	Not used
22	OUT2	O	YM (transparence) for OSD	72	NC	O	Not used
23	NC	O	Not used	73	NC	O	Not used
24	NC	O	Not used	74	NC	O	Not used
25	NC	O	Not used	75	NC	O	Not used
26	NC	O	Not used	76	NC	O	Not used
27	CTA2/RTS2	O	Not used	77	NC	O	Not used
28	CLK2	O	Not used	78	NC	O	Not used
29	RxD2	O	Data transmission (serial) for digital tuner control	79	NC	O	Not used
30	TxD2	I	Data receive (serial) for digital tuner control	80	NC	O	Not used
31	SDA2	I/O	Not used	81	NC	O	Not used
32	DIGR1	O	R [1] for OSD	82	NC	O	Not used
33	DIGG1	O	G [1] for OSD	83	NC	O	Not used
34	DIGB1	O	B [1] for OSD	84	WAKE	O	Sleep mode release for sub(chassis) CPU [Release = L]
35	TxD0	I	Data receive (serial) for external programming	85	CARD_DET	I	Card detection for ATSC digital tuner [Detection = L]
36	RxD0	O	Data transmission (serial) for external programming	86	POWER_SW	I	Power switch (mechanical) detection [Detection = L]
37	CLK0	I	Clock for external programming	87	SDAM	I/O	Data for Inter IC (serial) bus control : main memory (IC7602)
38	RTS0	O	Busy for external programming [Operation = H]	88	SCLM	O	Clock for Inter IC (serial) bus control : mainmemory (IC7602)
39	P5.7	I	Not used	89	DIGR2	O	R [2] for OSD
40	P5.6	O	Not used	90	DIGG2	O	G [2] for OSD
41	HOLD	I	CPU programming hold [Hold = H]	91	DIGB2	O	B [2] for OSD
42	P5.4	O	Not used	92	NC	O	Not used
43	P5.3	O	Not used	93	KEY2	I	Key scan data for display switch button KEY2
44	P5.2	O	Not used	94	KEY1	I	Key scan data for display switch button KEY1
45	P5.1	O	Not used	95	VHOLD2	I	Data slice for sub screen closed caption
46	WR	O	CPU programming mode select [Normal = L]	96	HLF2	I/O	LPF for sub screen closed caption video input
47	P4.7	O	Data transmission for sub(chassis) CPU communication (serial)	97	CVIN2	I	Video(Y) for sub screen closed caption
48	P4.6	I	Data receive for sub(chassis) CPU communication (serial)	98	TVSETB	I	Test terminal [L Fixed]
49	P4.5	I	Clock for sub(chassis) CPU communication (serial)	99	VCCE	I	5V power supply
50	P4.4	O	Not used	100	CVIN1	I	Video(Y) for main screen closed caption

2.3.3 SUB (CHASSIS) CPU PIN FUNCTION [IC7001 = DIGITAL SIGNAL PWB ASS'Y : RECEIVER UNIT]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	LB_PRO	O	Not used	51	BS_TXD	O	Data transmission for digital tuner communication
2	P_MU	O	Picture muting [Muting = H]	52	BS_RXD	I	Data receive for digital tuner communication
3	JP_CSB	O	Not used	53	NC	O	Not used
4	A_MU	O	Audio muting (for AUDIO OUT) [Muting = H]	54	VREF+	I	3.3V power supply
5	M_MU	O	Audio muting (for MONITOR OUT) [Muting = H]	55	PDP_TX	O	Data transmission for panel CPU communication
6	PC_SEL	O	RGB(PC) INPUT select [ON = H]	56	PDP_RX	I	Data receive for panel CPU communication
7	ON_TIMER	O	POWER INDICATOR (LED) brightness [LOW = L]	57	SDA0	I/O	Data for Inter IC (serial) bus : sub memory (IC7002)
8	ILA0	O	Not used	58	SCL0	O	Clock for Inter IC (serial) bus : sub memory (IC7002)
9	ILA1	O	Not used	59	SDA_DVI	I/O	Data for Inter IC (serial) bus for panel communication
10	ILA2	O	Not used	60	SCL_DVI	O	Clock for Inter IC (serial) bus for panel communication
11	POW_LED	O	POWER LED lighting [ON = H]	61	AVSS	-	GND
12	WORD	O	Not used	62	DIGI_PHOT	I	Photo sensor for DIGITAL-IN illegal copy protection
13	MI_CK	I	Clock for main CPU communication	63	AGC	I	Not used
14	MI_TX	I	Data receive for main CPU communication	64	EXT_YS1	I	Not used
15	MI_RX	O	Data transmission for main CPU communication	65	EXT_YS2	I	Not used
16	MI_REQ	O	Data request for main CPU communication [Request = L]	66	VDD	I	3.3V power supply
17	VDD	I	3.3V power supply	67	DIGI_PRO	O	DIGITAL-IN voltage detection [Detection = H]
18	FOSC	O	Not used	68	GCR_RST	O	Not used
19	VSS	-	GND	69	GR_ON	O	Not used
20	X1	I	3.3V power supply	70	SYNC_SEL	O	Multi screen control [Digital = L]
21	X0	O	Not used	71	NC	O	Not used
22	VDD	I	3.3V power supply	72	NC	O	Not used
23	OSC1	I	System clock osillation (crystal) : 16MHz	73	SBD5	I/O	Data for writing on board (connect CN01P : for Frash ROM type)
24	OSC0	O	System clock osillation (crystal) : 16MHz	74	SBT5	I	Clock for writing on board (connect CN01P : for Frash ROM type)
25	MODE	I	3.3V power supply	75	NMI	I	3.3V power supply
26	BS1.5CTL	O	Digital tuner power control [ON = H]	76	COMP	I	Not used
27	A92RES	O	Reset for IC1001(3D YC SEP / COLOR DEMODULAT) [Reset = H]	77	REMO	I	Remote control
28	BS_RST	O	Reset for Digital tuner [Reset = L]	78	VSYNC	I	V. sync pulse
29	LIP_RST	O	Not used	79	WAKE	I	Sleep mode release for sub(chassis) CPU [Release = L]
30	SOFT_OFF	O	Not used	80	POWERGOOD	I	Power error detection NG = H]
31	VMUTE	I	Picture muting request from digital tuner [Muting = L]	81	NC	O	Not used
32	VOUTENB	O	Video cutoff for digital tuner [Cufoff = H]	82	RST	I	Reset for sub(chassis) CPU [Reset = L]
33	MDR_CON	I	System cable connection monitor for display unit (PDP)	83	VDD	I	3.3V power supply
34	AVDD	I	3.3V power supply	84	SCL3A	O	Clock for Inter IC (serial) bus control
35	BS_POW	O	Not used	85	SDA3A	I/O	Data for Inter IC (serial) bus control
36	DsyncSW2	O	Sync select for DIGITAL-IN [Cotrolled with 99-pin]	86	SCL3B	O	Clock for Inter IC (serial) bus control
37	LB_POW	O	Not used	87	SDA3B	I/O	Data for Inter IC (serial) bus control
38	NC	O	Not used	88	DIGI_SYNCSEL	O	Not used
39	HOTPLUG	I	Video communiation monitor for display unit (PDP)	89	DIGI_LRSW	O	DIGITAL-IN control
40	MECA_SW	I	Mechanical monitor for POWER switch [Push = L]	90	DIGI_INT	I	Reset for HDMI process [Reset = L]
41	MAIN_POW	O	Main power control [ON = L]	91	DVI_RST	O	Reset for DVI format conversion
42	MSP_RST	O	AUDIO OUT output mode select [VARIABLE = L]	92	VSS	-	GND
43	VREF-	I	Standard Voltage (0V) power supply	93	SCL5055	O	Clock for Inter IC (serial) bus : JCC5055 (DIST process)
44	AFT2	I	Not used	94	VFORMATSEL	O	Not used
45	AFT1	I	AFT voltage for VHF/UHF tuner	95	SDA5055	I/O	Data for Inter IC (serial) bus : JCC5055 (DIST process)
46	KEY2	I	Not used	96	OSD_MODE_SEL	O	Not used
47	KEY1	I	Not used	97	NC	O	Not used
48	NC	O	Not used	98	15K/OTH	O	Main video select [Fixed H]
49	NC	O	Not used	99	DsyncSW1	O	Sync select for DIGITAL-IN [Cotrolled with 36-pin]
50	AC_IN	I	AC power pulse for timer clock	100	57 BUSY	I	Busy monitor for JCC5057 (RGB process)

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2.3.4 PANEL CPU PIN FUNCTION [IC807 = DISPLAY INTERFACE PWB ASS'Y : DISPLAY UNIT]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	SYSTEM0	I	PDP size select [0V=50V XGA, 1.75V=42V XGA]	34	NC	O	Not used
2	SYSTEM3	I	PDP maker select [0V=SAMSUNG, 1.75V=LG]	35	NMI	I	Port for writing on board control [Writing=L]
3	AVCC	-	5.0V power suplly	36	A_MU	O	Audio muting [Muting=H]
4	X2	-	Not used	37	HD	I	Not used
5	X1	-	GND	38	LED_ONTIMER	O	POWER LED stand-by control [ON=H]
6	VCL	-	GND	39	REMO	I	Not used
7	RES	I	Reset for panel CPU [Reset=L]	40	LED_POW	O	POWER LED control [ON=H]
8	TEST	I	GND	41	P85	I	Emulator connection / Port for writing on board [Writing=H]
9	VSS	-	GND	42	P86	-	Emulator connection
10	OSC2	O	System clock osillation (crystal) : 16MHz	43	P87	-	Emulator connection
11	OSC1	I	System clock osillation (crystal) : 16MHz	44	SCK3	O	Clock for writing on board
12	VCC	-	5.0V power suplly	45	RXD	I	Data receive for writing on board
13	PW_LOB	O	Power control [ON=L]	46	TXD	O	Data trnsmission for writing on board
14	PANEL_PW_ON	O	Panel power control [ON=L]	47	AC_DET	I	AC power frequency detection [Detection=H]
15	NC	O	Not used	48	NC	O	Not used
16	NC	O	Not used	49	RXD2	I	Data receive for main CPU communication
17	I2C_STOP	O	Inter IC (serial) bus stop control [Stop=L]	50	TXD2	O	Data transmission for main CPU communication
18	APL_S_CLK	O	Clock for APS loading [PD-50X795]	51	IRQ	O	Sleep mode release [Rlease=H]
19	PSCK	O	Clock for APS writing [PD-50X795]	52	ACTIVE	I	Power switch (mechanical) detection [Detection=H]
20	PLE	O	APS loading control [PD-50X795]	53	VD	I	V. sync pulse
21	CLE	O	APS writing control [PD-50X795]	54	REC_DET	I	System cable monitor for receiver unit [Connection=L]
22	PSSC	O	Data transmission for APS loading [PD-50X795]	55	PSS	I	PDP Inter IC (serial) bus communication select [Permission=H][PD-42X795], Data receive for APS loading [PD-50X795]
23	SDA1	I/O	Data for Inter IC (serial) bus control : panel memory (IC805)				
24	PWM	O	Not used				
25	SCL1	O	Clock for Inter IC (serial) bus control : panel memory (IC805)	56	FAN_LOCK	I	Fan abnormality detection [Detection=L] [PD-50X795]
26	SDA0	I/O	Data for Inter IC (serial) bus control : Audio control, Temp. sensor	57	SYSTEM2	I	Not used
27	SCL0	O	Clock for Inter IC (serial) bus control : Audio control, Temp. sensor	58	SYSTEM 1	I	Fan select [Used=H]
28	SDA2	I/O	Data for Inter IC (serial) bus control : PDP communication	59	THEM_DET	I	Temp. sensor detection [Detection=H]
29	SCL2	O	Clock for Inter IC (serial) bus control : PDP communication	60	(AMP_PRO2)	I	GND
30	SLE	O	PDP communication control [PD-50X795]	61	AMP_PRO1	I	Not used
31	NC	I/O	Not used	62	EE_CDS	I	Not used
32	NC	O	Not used	63	KEY1	I	Not used
33	NC	O	Not used	64	KEY2	I	Not used

SECTION 3
DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE [DISPLAY UNIT: PD-42X795]

NOTE:

- When exchanging parts etc. with the front side (PDP side) fancing down, place a protection sheet under the DISPALY UNIT to prevent scratches on the front side.
- It is advisable to take notes of the connecting locations (connector numbers) of the removed connectors.

3.1.1 REMOVING THE REAR COVER (Fig.1)

(1) Remove the power cord and system cable.
(2) Remove the 9 screws **[A]** and the 12 screws **[B]**, then remove the REAR COVER.

3.1.2 REMOVING THE BACK COVER AND SPEAKER HOLDER (Fig.1)

(1) Remove the 8 screws **[C]**, then remove the BACK COVER.
(2) Remove the SPEAKER HOLDER.

3.1.3 REMOVING THE TERMINAL COVER (Fig.1.)

- Remove the REAR COVER.

(1) Remove the 6 screws **[D]**, then remove the CHASSIS SHIELD BRACKET.
(2) Remove the 2 screws **[E]** and the 5 screws **[F]**, then remove the TERMINAL COVER.

3.1.4 REMOVING THE LINE FILTER PWB (Fig.1)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.

(1) Remove the 2 claws **[G]**, then remove the LINE FILTER INSULATOR.
(2) Disconnect the connector [CN8001] from the MAIN POWER PWB .
(3) Remove the 2 screws **[H]** and the 2 screws **[I]**, then remove the LINE FILTER PWB.

3.1.5 REMOVING THE AUDIO PWB (Fig.1)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.

(1) Disconnect the connectors [CN60SL] / [CN60CB] / [CN60SR] from the AUDIO PWB .
(2) Disconnect the connector [CN9001] from the SUB POWER PWB.
(3) Disconnect the connector [CN00A] / [CN00C] / [CN00D] from the DISPLAY INTERFACE PWB .
(4) Remove the 4 screws **[J]**, then remove the AUDIO PWB.

3.1.6 REMOVING THE DISPLAY INTERFACE PWB (Fig.1)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.

(1) Disconnect the connectors [CN00A] / [CN00C] / [CN00D] / [CN00E] / [CN00Q] / [CN00T] / [CN00X] / [CN00V] / [CNAH2] from the DISPLAY INTERFACE PWB .
(2) Remove the 4 screws **[K]**, the 2 screws **[L]** ,and the 2 screws **[M]**, then remove the DISPLAY INTERFACE PWB.

3.1.7 REMOVING THE CHASSIS BASE PWB (Fig.1.)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.
- Remove the LINE FILTER PWB.
- Remove the AUDIO PWB.
- Remove the DISPLAY INTERFACE PWB.

(1) Remove the 2 screws **[N]**, then remove the CHASSIS BASE PWB.

Outro

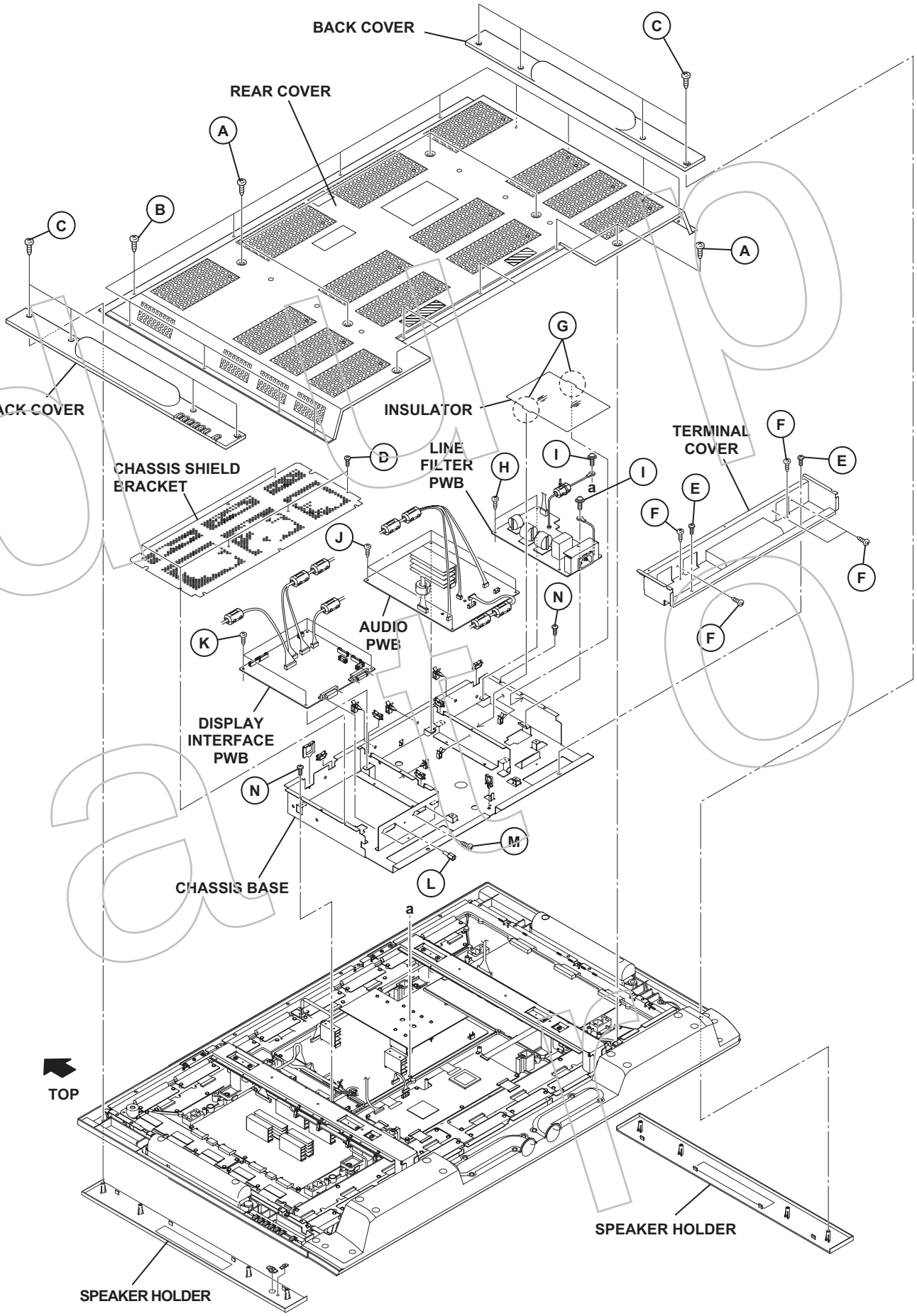

BACK COVER
REAR COVER
BACK COVER
INSULATOR
CHASSIS SHIELD BRACKET
LINE FILTER PWB
TERMINAL COVER
AUDIO PWB
DISPLAY INTERFACE PWB
CHASSIS BASE
TOP
SPEAKER HOLDER
SPEAKER HOLDER

Fig.1

3.1.8 REMOVING THE TEMP. SENSOR PWB (Fig.2)

- Remove the REAR COVER.
  (1) Disconnect the connector [CN800V] from the TEMP. SENSOR PWB PWB .
  (2) Remove the 1 screw **[O]**, then remove the TEMP. SENSOR PWB.

3.1.9 REMOVING THE MAIN POWER PWB (Fig.2)

- Remove the REAR COVER.
  (1) Disconnect the connector [CN8001] / [CN8008] / [CN8006] / [CN8005] / [CN8003] / [CN8002] / [CN9001] / [CN8009] from the MAIN POWER PWB .
  (2) Remove the 8 screws **[P]**, then remove the MAIN POWER PWB.
  (3) Remove the POWER PWB BRACKET and INSULATOR.

3.1.10 REMOVING THE SUB POWER PWB (Fig.2)

- Remove the REAR COVER.
  (1) Disconnect the connector [CN9001] / [CN9002] / [CN9005] from the SUB POWER PWB .
  (2) Remove the 4 screws **[Q]**, then remove the SUB POWER PWB.
  (3) Remove the INSULATOR.

3.1.11 REMOVING THE DISPLAY SWITCH PWB (Fig.2)

- Remove the BACK COVER.
- Remove the SPEAKER HOLDER.
  (1) Remove the 2 screws **[U]** and 3 screws **[V]**, then remove the DISPLAY SWITCH PWB and CONTROL KNOB.
  (2) Disconnect the connector [CN000T] from the DISPLAY SWITCH PWB .

3.1.12 REMOVING THE DISPLAY LED PWB (Fig.2)

- Remove the BACK COVER.
- Remove the SPEAKER HOLDER.
- Remove the DISPLAY SWITCH PWB.
  (1) Remove the 2 screws **[T]**, then remove the DISPLAY LED PWB.
  (2) Disconnect the connector [CN000X] from the DISPLAY LED PWB .

3.1.13 REMOVING THE DD SPEAKER (Fig.2)

- Remove the REAR COVER.
- Remove the BACK COVER.
- Remove the SPEAKER HOLDER.
  (1) Disconnect the connector [CN60SR] / [CN60SL] from the AUDIO PWB .
  (2) Remove the 4 screws **[U]**, then remove the DD SPEAKER.

3.1.14 REMOVING THE WOOFER SPEAKER (Fig.2)

- Remove the REAR COVER.
  (1) Disconnect the connector [CN60CB] from the AUDIO PWB.
  (2) Remove the 6 screws **[V]**, then remove the WOOFER SPEAKER UNIT.
  (3) Remove the 8 screws **[W]**, then remove the DUCT COVER.
  (4) Remove the 12 screws **[X]**, then remove the WOOFER BACK COVER.
  (5) Remove the 8 screws **[Y]**, then remove the WOOFER SPEAKER.

3.1.15 REMOVING THE PDP (PANEL) UNIT (Fig.2)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.
- Remove the CHASSIS BASE(with each PWB affixed on the CHASSIS BASE).
- Remove the TEMP. SENSOR.
- Remove the MAIN POWER PWB.
- Remove the SUB POWER PWB.
  (1) Disconnect the connector [CN60SL] / [CN60CB] / [CN60SR] from the AUDIO PWB .
  (2) Disconnect the connector [CN00A] / [CN00C] / [CN00D] / [CN00E] / [CN00Q] / [CN00T] / [CN00X] / [CN0V] / [CNAH2] from the DISPLAY INTERFACE PWB.
  (3) Remove the 16 screws **[Z]**, then remove the BACK BRACKET.
  (4) Lift the PDP upright and remove it with enough care not to impose shock to the PDP.

CAUTION:

- Two or more people are required to remove the PDP unit.
- The gas pouring port is covered with the protection material.In operation, be careful not to damage the gas pouring port.
- Do not touch the front side (glass) of the PDP with your fingers.

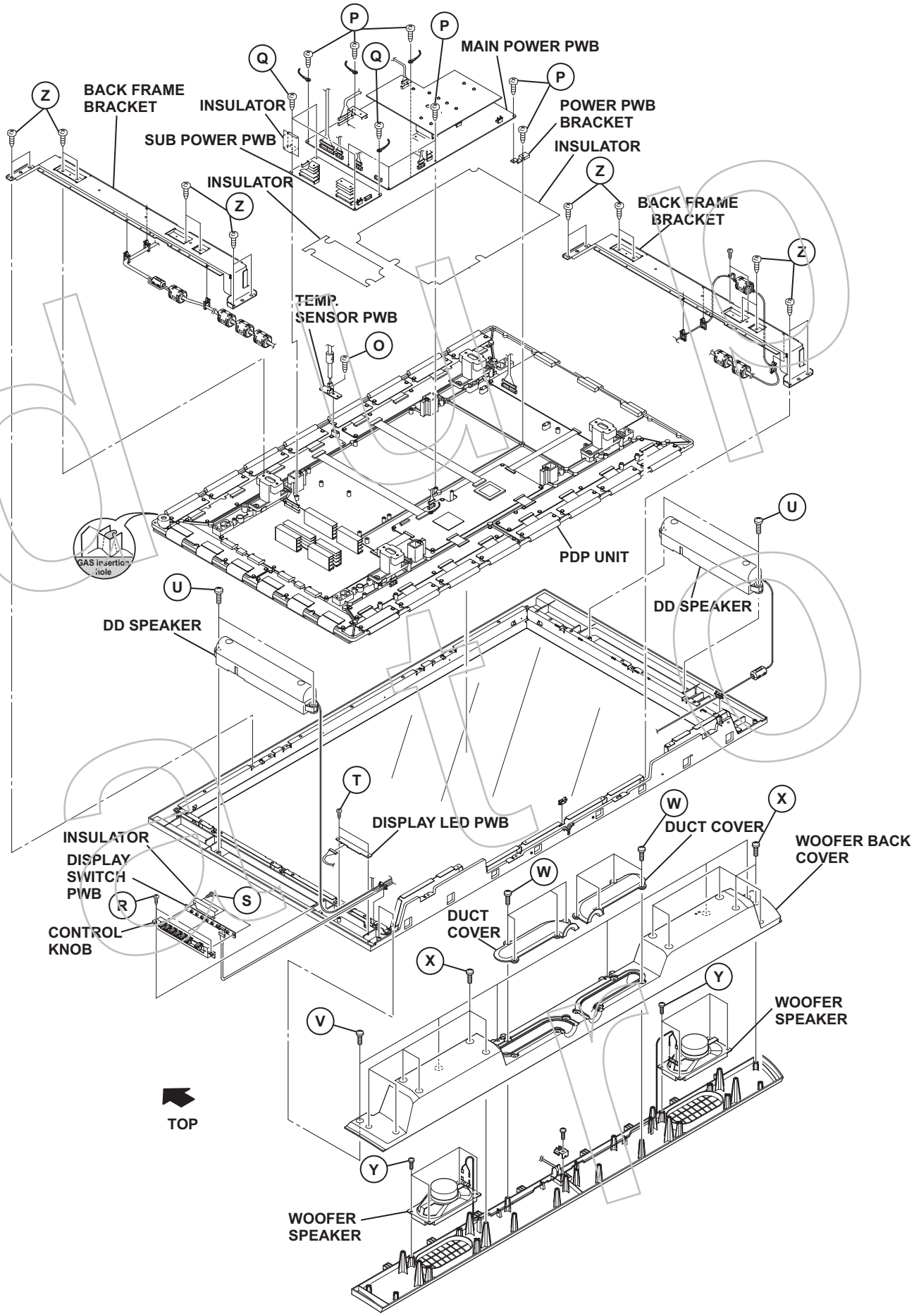

P
P
MAIN POWER PWB
Q
Q
P
Z
BACK FRAME BRACKET
INSULATOR
POWER PWB BRACKET
SUB POWER PWB
INSULATOR
INSULATOR
Z
Z
BACK FRAME BRACKET
Z
TEMP. SENSOR PWB
O
GAS insertion hole
PDP UNIT
U
U
DD SPEAKER
DD SPEAKER
T
DISPLAY LED PWB
W
DUCT COVER
X
WOOFER BACK COVER
INSULATOR
DISPLAY SWITCH PWB
R
S
CONTROL KNOB
W
DUCT COVER
X
Y
WOOFER SPEAKER
V
TOP
Y
WOOFER SPEAKER

Fig.2

3.1.16 REMOVING THE PWB IN PDP UNIT

3.1.16.1 REMOVING THE LOGIC-BUFFER-E PWB (Fig.3)

- Remove the PDP UNIT.
  (1) Disconnect the connector [CN806] / [CN2500] / [CN2501] / [CN2502] / [CN2503] / [CN2504] / [CN2505] / [CN2506] / [CN2507] / [EF1] from the LOGIC-BUFFER-E PWB .
  (2) Remove the 14 screws **[a]**, then remove the LOGIC-BUFFER-E PWB.

3.1.16.2 REMOVING THE LOGIC-BUFFER-F PWB (Fig.3)

- Remove the PDP UNIT.
  (1) Disconnect the connector [CN402] / [CN807] / [CN2600] / [CN2601] / [CN2602] / [CN2603] / [CN2604] / [CN2605] / [CN2606] / [CN2607] / [FE1] from the LOGIC-BUFFER-F PWB .
  (2) Remove the 14 screws **[b]**, then remove the LOGIC-BUFFER-F PWB.

3.1.16.3 REMOVING THE X-MAIN PWB (Fig.3.)

- Remove the PDP UNIT.
  (1) Disconnect the connector [CN4001] / [CN4002] / [CN4003] / [CN4004] / [CN4005] from the X-MAIN PWB .
  (2) Remove the 8 screws **[c]**, then remove the X-MAIN PWB.

3.1.16.4 REMOVING THE LOGIC-MAIN PWB (Fig.3)

- Remove the PDP UNIT.
  (1) Disconnect the connector [CN2001] / [CN2002] / [CN2003] / [CN2004] / [CN2005] / [CN2006] / [CN207] / [LA1] from the LOGIC-MAIN PWB .
  (2) Remove the 6 screws **[d]**, then remove the LOGIC-MAIN PWB.

3.1.16.5 REMOVING THE Y-MAIN PWB (Fig.3.)

- Remove the PDP UNIT.
  (1) Disconnect the connector [CN5001] / [CN5002] / [CN5003] / [CN5004] / [CN5005] / [CN5006] / [CN5007] / [CN5008] from the Y-MAIN PWB .
  (2) Remove the 7 screws **[e]**, then remove the Y-MAIN PWB.

3.1.16.6 REMOVING THE Y-BUFFER-U PWB (Fig.3)

- Remove the PDP UNIT.
  (1) Disconnect the connector [CN5401] / [CN5402] / [CN5403] / [CN5404] / [CN5405] / [CN5407] from the Y-BUFFER-U PWB.
  (2) Remove the 3 screws **[f]**, then remove the Y-BUFFER-U PWB.

3.1.16.7 REMOVING THE Y-BUFFER-L PWB (Fig.3)

- Remove the PDP UNIT.
  (1) Disconnect the connector [CN5501] / [CN5502] / [CN5503] / [CN5504] / [CN5505] / [CN5507] from the Y-BUFFER-L PWB.
  (2) Remove the 3 screws **[g]**, then remove the Y-BUFFER-L PWB.

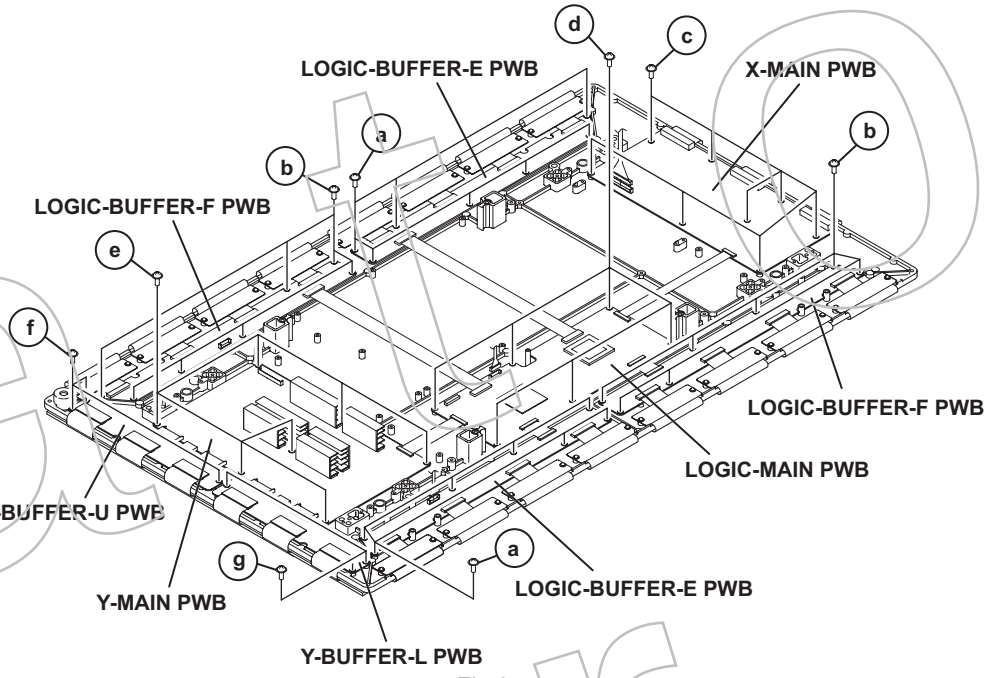


Fig.3

3.1.17 REMOVING THE FRONT FILTER (Fig.4.)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.
- Remove the CHASSIS BASE (with each PWB affixed on the CHASSIS BASE).
- Remove the TEMP. SENSOR.
- Remove the MAIN POWER PWB.
- Remove the SUB POWER PWB.
- Remove the PDP UNIT.
  (1) Remove the 12 screws **[h]**, then remove the GLASS HOLDER.
  (2) Remove the FRONT FILTER with enough care not to damage it.

3.1.18 REMOVING THE TOP FRAME BRACKET, BOTTOM FRAME BRACKET AND SIDE FRAME BRACKET (Fig.4.)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.
- Remove the CHASSIS BASE (with each PWB affixed on the CHASSIS BASE).
- Remove the TEMP. SENSOR.
- Remove the MAIN POWER PWB.
- Remove the SUB POWER PWB.
- Remove the PDP UNIT.
- Remove the FRONT FILTER.
  (1) Remove the 6 screws **[i]**, then remove the FRONT PANEL.
  (2) Remove the 4 spacers **[j]**, the 4 screws **[k]**, then remove the TOP FLAME BRACKET, BOTTOM FLAME BRACKET and SIDE FLAME BRACKET.

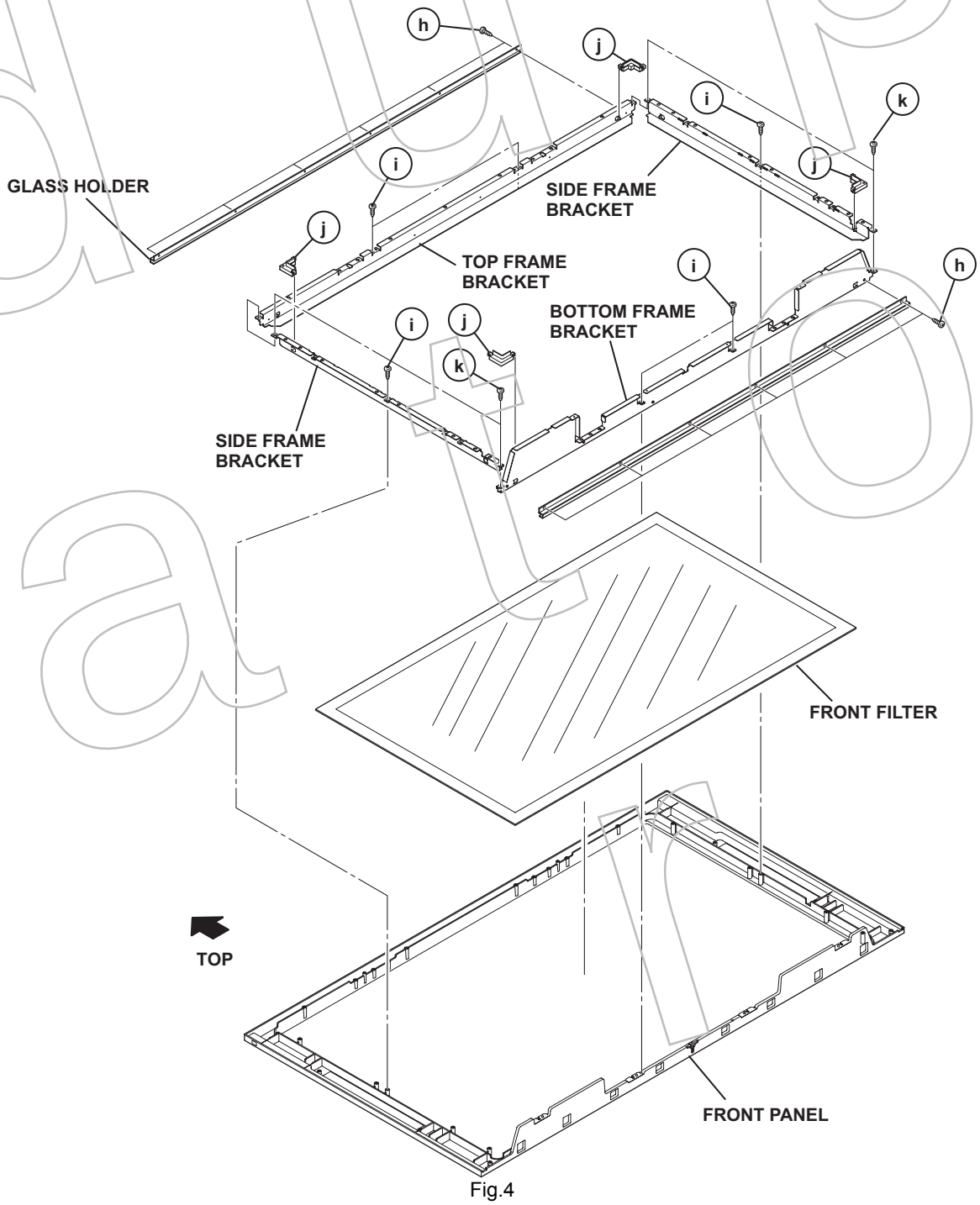


Fig.4

3.2 DISASSEMBLY PROCEDURE [DISPLAY UNIT: PD-50X795]

NOTE:

- When exchanging parts etc. with the front side (PDP side) fancing down, place a protection sheet under the DISPALY UNIT to prevent scratches on the front side.
- It is advisable to take notes of the connecting locations (connector numbers) of the removed connectors.

3.2.1 REMOVING THE REAR COVER (Fig.5)

(1) Remove the power cord and the system cable.
(2) Remove the 11 screws **[A]** and the 22 screws **[B]**, then remove the REAR COVER.

3.2.2 REMOVING THE BACK COVER AND SPEAKER HOLDER (Fig.5)

(1) Remove the 8 screws **[C]**, then remove the BACK COVER.
(2) Remove the SPEAKER HOLDER.

3.2.3 REMOVING THE TERMINAL COVER (Fig.5)

- Remove the REAR COVER.

(1) Remove the 6 screws **[D]**, then remove the CHASSIS SHIELD BRACKET.
(2) Remove the 2 screws **[E]** and the 5 screws **[F]**, then remove the TERMINAL COVER.

3.2.4 REMOVING THE LINE FILTER PWB (Fig.5)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.

(1) Remove the 2 claws **[G]**, then remove the LINE FILTER INSULATOR.
(2) Disconnect the connector [CN8001] from the MAIN POWER UNIT.
(3) Remove the 2 screws **[H]** and 2 screws **[I]**, then remove the LINE FILTER PWB.

3.2.5 REMOVING THE AUDIO PWB (Fig.5.)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.

(1) Disconnect the connector [CN60SL] / [CN60CB] / [CN60SR] from the AUDIO PWB .
(2) Disconnect the connector [CN9001] from the SUB POWER PWB.
(3) Disconnect the connector [CN00A] / [CN00C] / [CN00D] from the DISPLAY INTERFACE PWB.
(4) Remove the 4 screws **[J]**, then remove the AUDIO PWB.

3.2.6 REMOVING THE DISPLAY INTERFACE PWB (Fig.5)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.

(1) Disconnect the connector [CN00A] / [CN00C] / [CN00D] / [CN00E] / [CN00G] / [CN00Q] / [CN00T] / [CN00X] / [CN00V] / [CN0FL] / [CN0FR] / [CN601] / [CNAH1] from the DISPLAY INTERFACE PWB .
(2) Remove the 3 screws **[K]**, the 2 screws **[L]** and 2 screws **[M]** , then remove the DISPLAY INTERFACE PWB.

3.2.7 REMOVING THE CHASSIS BASE (Fig.5)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.
- Remove the LINE FILTER PWB.
- Remove the AUDIO PWB.
- Remove the DISPLAY INTERFACE PWB.

(1) Remove the 2 screws **[N]**, then remove the CHASSIS BASE.

Sample

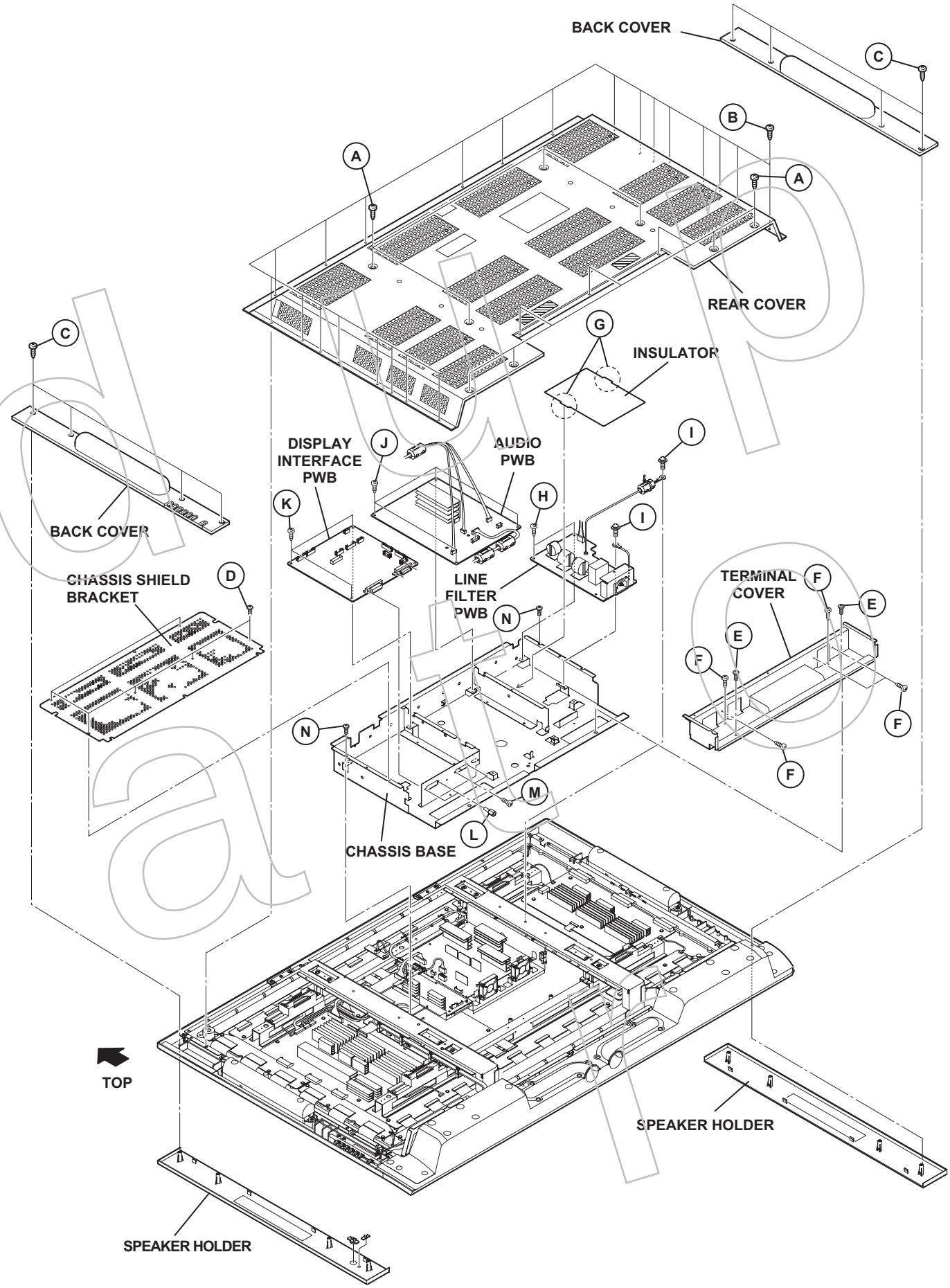

BACK COVER
C
B
A
A
REAR COVER
G
INSULATOR
C
BACK COVER
DISPLAY
INTERFACE
PWB
J
AUDIO
PWB
I
K
H
I
CHASSIS SHIELD
BRACKET
D
LINE
FILTER
PWB
N
TERMINAL
COVER
F
E
E
F
F
F
N
M
L
CHASSIS BASE
TOP
SPEAKER HOLDER
SPEAKER HOLDER

Fig.5

3.2.8 REMOVING THE TEMP. SENSOR PWB (Fig.6)

- Remove the REAR COVER.
  (1) Disconnect the connector [CN800V] from the TEMP. SENSOR PWB PWB .
  (2) Remove the 1 screw **[O]**, then remove the TEMP. SENSOR PWB.

3.2.9 REMOVING THE MAIN POWER UNIT (Fig.6)

- Remove the REAR COVER.
  (1) Disconnect the connector [CN805] / [CN806] / [CN8001] / [CN8009] / [CN8011] / [CN9001] from the MAIN POWER UNIT .
  (2) Remove the 8 screws **[P]**, then remove the MAIN POWER UNIT.

3.2.10 REMOVING THE SUB POWER PWB (Fig.6)

- Remove the REAR COVER.
  (1) Disconnect the connector [CN9001] / [CN9002] / [CN9005] from the SUB POWER PWB .
  (2) Remove the 4 screws **[Q]**, then remove the SUB POWER PWB.

3.2.11 REMOVING THE COOLING FAN (Fig.6)

- Remove the REAR COVER.
  (1) Disconnect the connector [CN0FL] / [CN0FR] from the DISPLAY INTERFACE PWB .
  (2) Remove the 4 screws **[R]**, then remove the COOLING FAN BRACKET by lifting upward.
  (3) Remove the 4 screws **[S]**, then remove the COOLING FAN by pulling in hte arrowed direction.

3.2.12 REMOVING THE POWER CHASSIS BASE (Fig.6)

- Remove the REAR COVER.
- Remove the MAIN POWER UNIT.
- Remove the SUB POWER PWB.
- Remove the COOLING FAN.
  (1) Remove the 5 screws **[T]**, then remove the POWER CHASSIS BASE.

3.2.13 REMOVING THE DISPLAY SWITCH PWB (Fig.6)

- Remove the BACK COVER.
- Remove the SPEAKER HOLDER.
  (1) Remove the 2 screws **[U]** and the 3 screws **[V]**, then remove the DISPLAY SWITCH PWB and CONTROL KNOB.
  (2) Disconnect the connector [CN000T] from the DISPLAY SWITCH PWB .

3.2.14 REMOVING THE DISPLAY LED PWB (Fig.6)

- Remove the BACK COVER.
- Remove the SPEAKER HOLDER.
- Remove the DISPLAY SWITCH PWB.
  (1) Remove the 2 screws **[W]**, then remove the DISPLAY LED PWB.
  (2) Disconnect the connector [CN000X] from the DISPLAY LED PWB .

3.2.15 REMOVING THE DD SPEAKER (Fig.6)

- Remove the REAR COVER.
- Remove the BACK COVER.
- Remove the SPEAKER HOLDER.
  (1) Disconnect the connector [CN60SR] / [CN60SL] from the AUDIO PWB .
  (2) Remove the 4 screws **[X]**, then remove the DD SPEAKER.

3.2.16 REMOVING THE WOOFER SPEAKER (Fig.6)

- Remove the REAR COVER.
  (1) Disconnect the connector [CN60CB] from the AUDIO PWB.
  (2) Remove the 6 screws **[Y]**, then remove the WOOFER SPEAKER UNIT.
  (3) Remove the 8 screws **[Z]**, then remove the DUCT COVER.
  (4) Remove the 10 screws **[a]** and the 4 screws **[b]**, then remove the WOOFER BACK COVER.
  (5) Remove the 8 screws **[c]**, then remove the WOOFER SPEAKER.

3.2.17 REMOVING THE PDP (PANEL) UNIT (Fig.6)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.
- Remove the CHASSIS BASE (with each PWB affixed on the CHASSIS BASE).
- Remove the POWER CHASSIS BASE (with each PWB affixed on the CHASSIS BASE).
- Remove the TEMP. SENSOR.
  (1) Remove the 16 screws **[d]**, then remove the BACK BRACKET.
  (2) Remove the 4 screws **[e]** then Lift the PDP straight upward and remove it with extra attention no to impose any shock to the PDP.

CAUTION:

- More than two people are required to remove the PDP unit.
- The gas pouring port is covered with the protection material. During the operation, be careful not to damage the gas pouring port.
- Do not touch the front side (glass) of the PDP with your fingers.

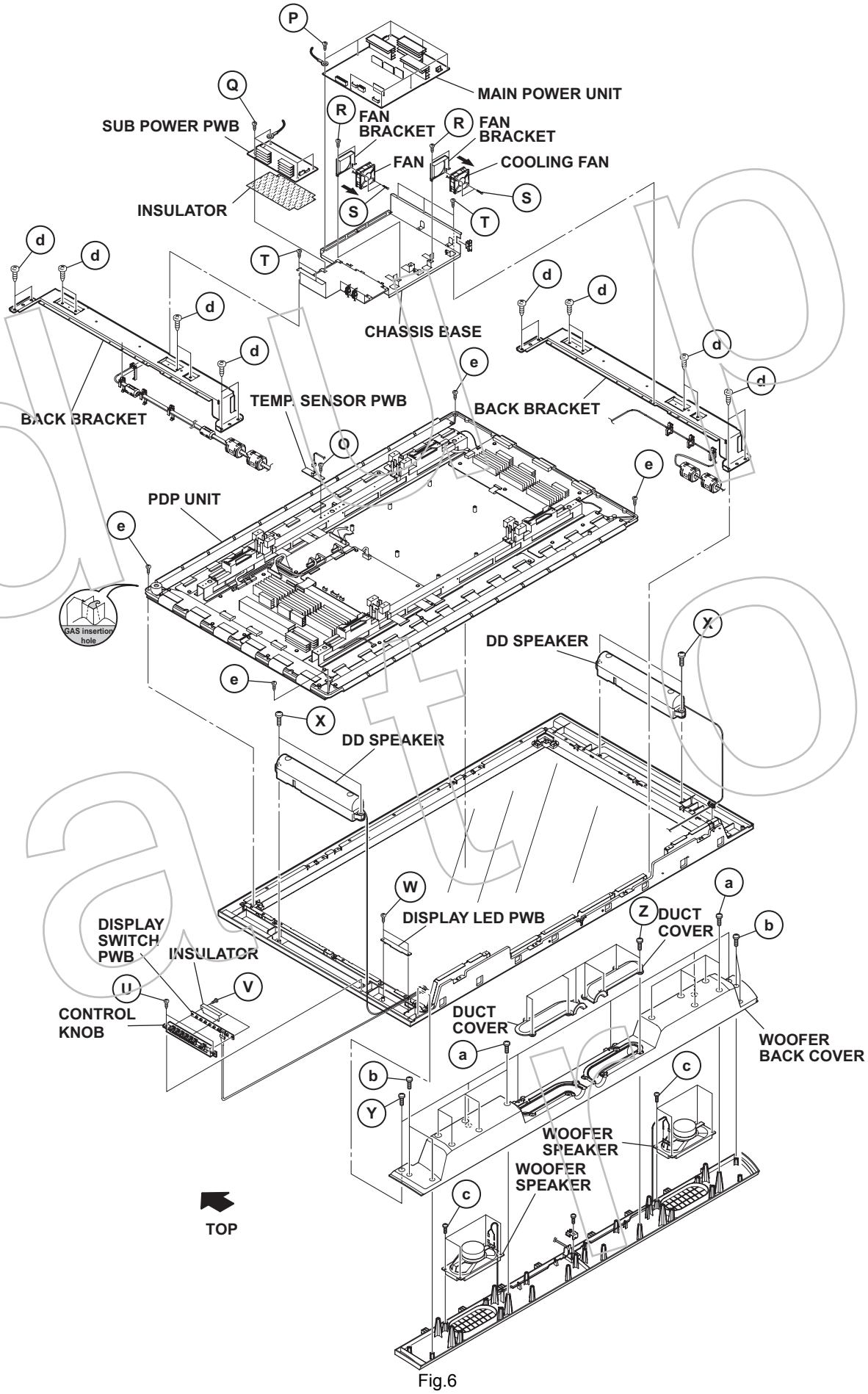

P
MAIN POWER UNIT
Q
SUB POWER PWB
R
FAN BRACKET
R
FAN BRACKET
FAN
COOLING FAN
S
S
T
T
INSULATOR
d
CHASSIS BASE
BACK BRACKET
TEMP. SENSOR PWB
O
e
BACK BRACKET
PDP UNIT
GAS insertion hole
DD SPEAKER
X
X
DD SPEAKER
W
DISPLAY LED PWB
DISPLAY SWITCH PWB
INSULATOR
U
V
CONTROL KNOB
Z
DUCT COVER
a
b
DUCT COVER
WOOFER BACK COVER
c
Y
WOOFER SPEAKER
WOOFER SPEAKER
TOP

Fig.6

3.2.18 REMOVING THE PWB IN PDP UNIT

3.2.18.1 REMOVING THE X-LEFT-TOP PWB (Fig.7)

- Remove the PDP UNIT.
  (1) Disconnect the connector [P4] / [P5] / [P501] / [P502] / [P503] / [P504] from the X-LEFT TOP PWB .
  (2) Remove the 2 screws **[f]** and the 1 screw **[g]**, then remove the X-LEFT-TOP PWB.

3.2.18.2 REMOVING THE X-CENTER-TOP PWB (Fig.7)

- Remove the PDP UNIT.
  (1) Disconnect the connector [P5] / [P6] / [P10] / [P100] / [P505] / [P506] / [P507] / [P508] from the X-CENTER TOP PWB .
  (2) Remove the 1 screw **[f]** and the 2 screws **[h]**, then remove the X-CENTER-TOP PWB.

3.2.18.3 REMOVING THE X-RIGHT-TOP PWB (Fig.7)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [P1] / [P4] / [P5] / [P6] / [P509] / [P510] / [P511] from the X-RIGHT TOP PWB .
  (2) Remove the 2 screws **[i]**, then remove the X-RIGHT-TOP PWB.

3.2.18.4 REMOVING THE Z-SUS PWB (Fig.7)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [P1] / [P2] / [P3] / [P5] / [P6] / [P9] / [P12] from the Z-SUS PWB .
  (2) Remove the 9 screws **[j]**, then remove the Z-SUS PWB.

3.2.18.5 REMOVING THE DC/DC PWB (Fig.7)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [P21] / [P22] / [P23] / [P24] / [P25] / [P26] from the DC/DC PWB .
  (2) Remove the 4 screws **[k]**, then remove the DC/DC PWB.

3.2.18.6 REMOVING THE LVDS CONTROL PWB (Fig.7)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [P2] / [P3] / [P101] / [P102] / [P103] / [P104] / [P105] / [P106] / [P200] / [P201] / [P300] from the LVDS CONTROL PWB .
  (2) Remove the 4 screws **[m]**, then remove the LVDS CONTROL PWB.

3.2.18.7 REMOVING THE TEMP. SENSOR PWB (Fig.7)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [P3] from the LVDS CONTROL PWB.
  (2) Remove the 2 screws **[n]**, then remove the TEMP. SENSOR PWB.

3.2.18.8 REMOVING THE Y-SUS PWB (Fig.7)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [P2] / [P3] / [P4] / [P5] / [P6] / [P7] / [P8] / [P9] / [P10] / [P11] from the Y-SUS PWB .
  (2) Remove the 8 screws **[o]**, then remove the Y-SUS PWB.

3.2.18.9 REMOVING THE Y-DRIVE-UPPER PWB (Fig.7)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [P9] / [P10] from the Y-SUB PWB .
  (2) Disconnect the connector [P7] / [P8] / [P9] / [P10] / [P12] / [P13] from the Y-DRIVE UPPER PWB .
  (3) Remove the 2 screws **[p]**, then remove the Y-DRIVE-UPPER PWB.

3.2.18.10 REMOVING THE Y-DRIVE-LOWER PWB (Fig.7)

- Remove the PDP UNIT.
  (1) Disconnect the connector [P2] / [P10] from the Y-SUB PWB .
  (2) Disconnect the connector [P1] / [P2] / [P3] / [P4] / [P5] / [P11] from the Y-DRIVE LOWER PWB .
  (3) Remove the 2 screws **[q]**, then remove the Y-DRIVE-LOWER PWB.

3.2.18.11 REMOVING THE X-RIGHT-BOTTOM PWB (Fig.7)

- Remove the PDP UNIT
  (1) Disconnect the connector [P2] / [P3] /[P7] / [P401] / [P402] / [P403] from the X-RIGHT BOTTOM PWB .
  (2) Remove the 2 screws **[r]**, then remove the X-RIGHT-BOTTOM PWB.

3.2.18.12 REMOVING THE X-CENTER-BOTTOM PWB (Fig.7)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [P1] / [P4] / [P7] / [P405] / [P406] / [P407] / [P408] / [P425] from the X-CENTER BOTTOM PWB.
  (2) Remove the 2 screws **[s]** and the 1screw **[t]**, then remove the X-CENTER-BOTTOM PWB.

3.2.18.13 REMOVING THE X-LEFT-BOTTOM PWB (Fig.7)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [P1] / [P2] / [P401] / [P402] / [P403] / [P404] from the X-LEFT-BOTTOM PWB .
  (2) Remove the 1 screw **[t]** and the 2 screws **[u]**, then remove the X-LEFT BOTTOM PWB.

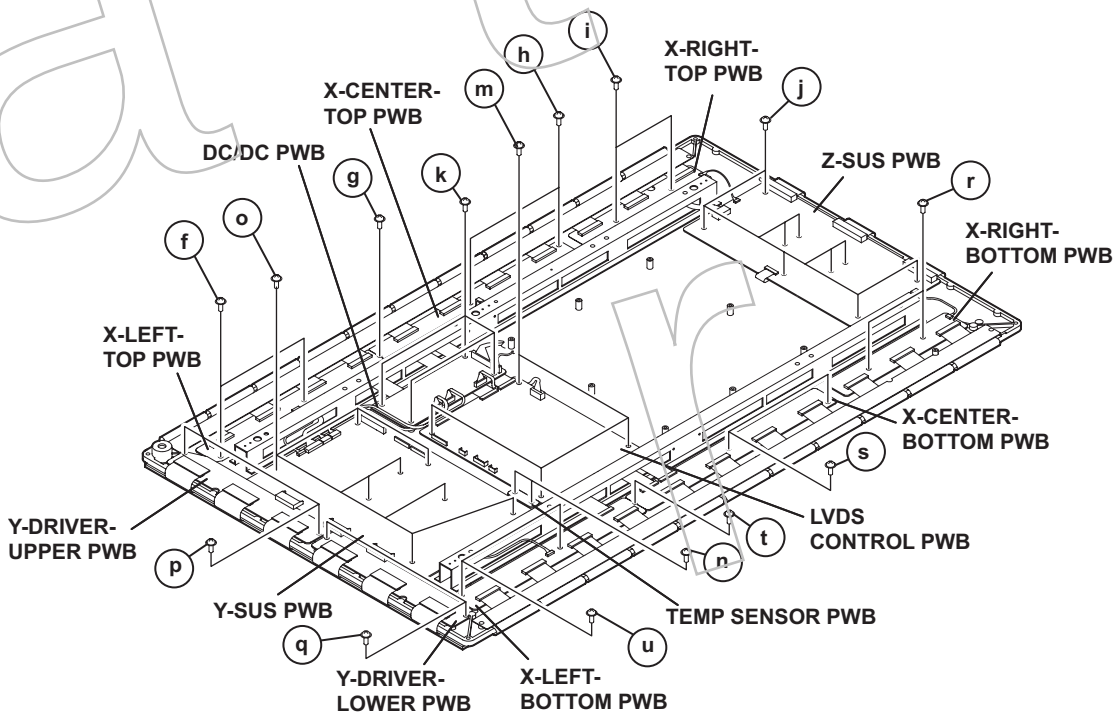


Fig.7

3.2.19 REMOVING THE FRONT FILTER (Fig.8)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.
- Remove the CHASSIS BASE (with each PWB affixed on the CHASSIS BASE).
- Remove the POWER CHASSIS BASE (with each PWB affixed on the CHASSIS BASE).
- Remove the TEMP. SENSOR.
- Remove the PDP UNIT.
  (1) Remove the 12 screws **[v]**, then remove the GLASS HOLDER.
  (2) Remove the FRONT FILTER with enough care not to damage it.

3.2.20 REMOVING THE TOP FRAME BRACKET, BOTTOM FRAME BRACKET AND SIDE FRAME BRACKET (Fig.8)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.
- Remove the CHASSIS BASE (with each PWB affixed on the CHASSIS BASE).
- Remove the POWER CHASSIS BASE (with each PWB affixed on the CHASSIS BASE).
- Remove the TEMP. SENSOR.
- Remove the PDP UNIT.
- Remove the FRONT FILTER.
  (1) Remove the 6 screws **[w]**, then remove the FRONT PANEL.
  (2) Remove the 8 screws **[x]**, then remove the SPACER.
  (3) Remove the 4 screws **[y]**, then remove the TOP FLAME BRACKET, BOTTOM FLAME BRACKET and SIDE FLAME BRACKET.

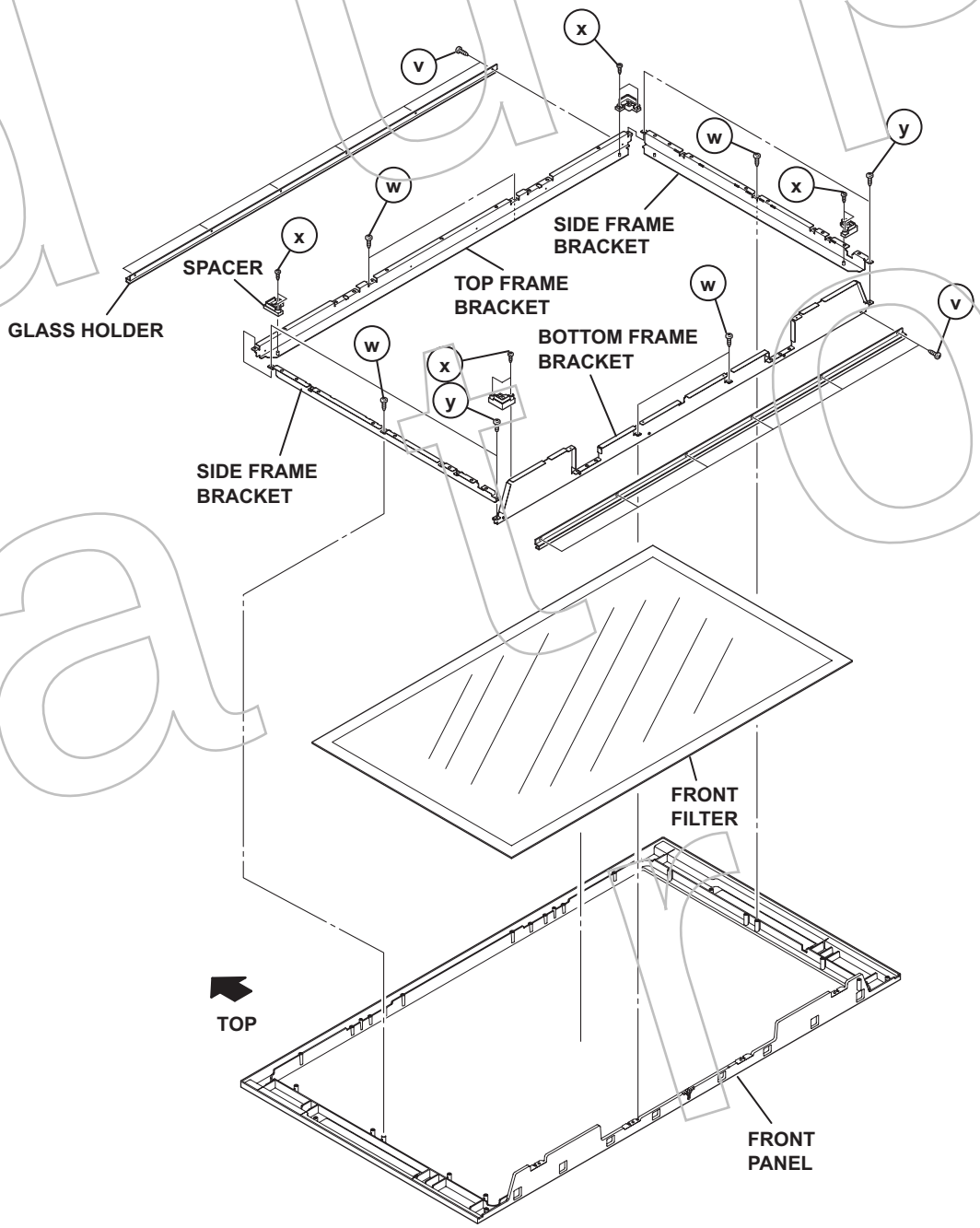


Fig.8

3.3 DISASSEMBLY PROCEDURE [RECEIVER UNIT]

NOTE:

- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required. Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

3.3.1 REMOVING THE TOP COVER

(1) Remove the 9 screws **[A]** then remove the TOP COVER.

3.3.2 REMOVING THE FRONT PANEL

- Remove the TOP COVER.

(1) Remove the 1 screw **[B]** and the 1 screw **[C]**.
(2) Remove the 3 claws **[D]** and the 2 claws **[E]**.
(3) Remove the FRONT PANEL toward you.

3.3.3 REMOVING THE FRONT CONTROL PWB

- Remove the TOP COVER.
- Remove the FRONT PANEL.

(1) Remove the [CN800F] connector on the ANALOG SIGNAL PWB.
(2) Remove the 4 screws **[F]**, then remove the FRONT CONTROL PWB.

3.3.4 REMOVING THE REAR COVER

- Remove the TOP COVER.

(1) Remove the 12 screws **[G]**, the 2 nats **[H]**, the 2 washers **[J]**, the 2 screws **[K]**, the 2 screws **[L]**, the 2 screws **[M]** and the 1 screw **[N]**.
(2) Remove the REAR COVER toward you.

3.3.5 REMOVING THE COOLING FAN

- Remove the TOP COVER.

(1) Remove the [CN00Q] connector on the SYSTEM POWER PWB.
(2) Remove the 2 screws **[O]**, then remove the FAN BRACKET.
(3) Remove the 1 screw **[P]**, then remove the COOLING FAN.

3.3.6 REMOVING THE ATSC TUNER MODULE

- Remove the TOP COVER.
- Remove the REAR COVER.

(1) Remove the [CN1302] / [CN1502] / [CN9601] connector on the ATSC TUNER MODULE.
(2) Remove the 5 screws **[Q]**, then remove the ATSC TUNER MODULE.

3.3.7 REMOVING THE SD CARD PWB

- Remove the TOP COVER.
- Remove the FRONT PANEL.
- Remove the COOLING FAN.

(1) Remove the [CN1001] connectors on the SD CARD PWB.
(2) Remove the 3 screws **[R]**, then remove the SD CARD PWB.

3.3.8 REMOVING THE RECEIVER PWB

- Remove the TOP COVER.
- Remove the REAR COVER.

(1) Remove the [CN00A] / [CN00T] connectors on the RECEIVER PWB.
(2) Remove the RECEIVER PWB.

3.3.9 REMOVING THE REAR JACK PWB

- Remove the TOP COVER.
- Remove the REAR COVER.

(1) Remove the [CNJ0J1] / [CNJ0J2] connectors on the ANLOG SIGNAL PWB.
(2) Remove the 2 screws **[S]**, then remove the REAR JACK PWB.

3.3.10 REMOVING THE DIGITAL SIGNAL PWB

- Remove the TOP COVER.
- Remove the REAR COVER.
- Remove the ATSC TUNER UNIT.

(1) Remove the [CN001] / [CN002] connectors on the ANLOG SIGNAL PWB.
(2) Remove the [CN003] connector on the REGULATOR PWB.
(3) Remove the 4 screws **[T]**, then remove the DIGITAL HOLDER.
(4) Remove the 3 screws **[U]**, then remove the DIGITAL SIGNAL PWB.

3.3.11 REMOVING THE REGULATOR PWB

- Remove the TOP COVER.
- Remove the FRONT PANEL.
- Remove the COOLING FAN.
- Remove the SD CARD2 PWB.

(1) Remove the [CN003] / [CN008] / [CN00D] connector on the REGULATOR PWB.
(2) Remove the 4 screws **[V]**, then remove the REGULATOR PWB.

3.3.12 REMOVING THE SYSTEM POWER PWB

- Remove the TOP COVER.

(1) Remove the [CN00G] connector on the ANLOG SIGNAL PWB.
(2) Remove the [CN008] connector on the REGULATOR PWB.
(3) Remove the [CN9601] connector on the ATSC TUNER UNIT.
(4) Remove the [CN00Q] / [CN0PW] connector on the SYSTEM POWER PWB.
(5) Remove the 7 screws **[W]**, then remove the SYSTEM POWER PWB.

3.3.13 REMOVING THE ANALOG SIGNAL PWB

- Remove the TOP COVER.
- Remove the REAR COVER.
- Remove the RECEIVER PWB.

(1) Remove the [CN001] / [CN002] / [CN00D] / [CN00F] / [CN00G] / [CNJ0J1] / [CNJ0J2] connector on the ANALOG SIGNAL PWB.
(2) Remove the 2 screws **[X]**, then remove the ANALOG SIGNAL PWB.

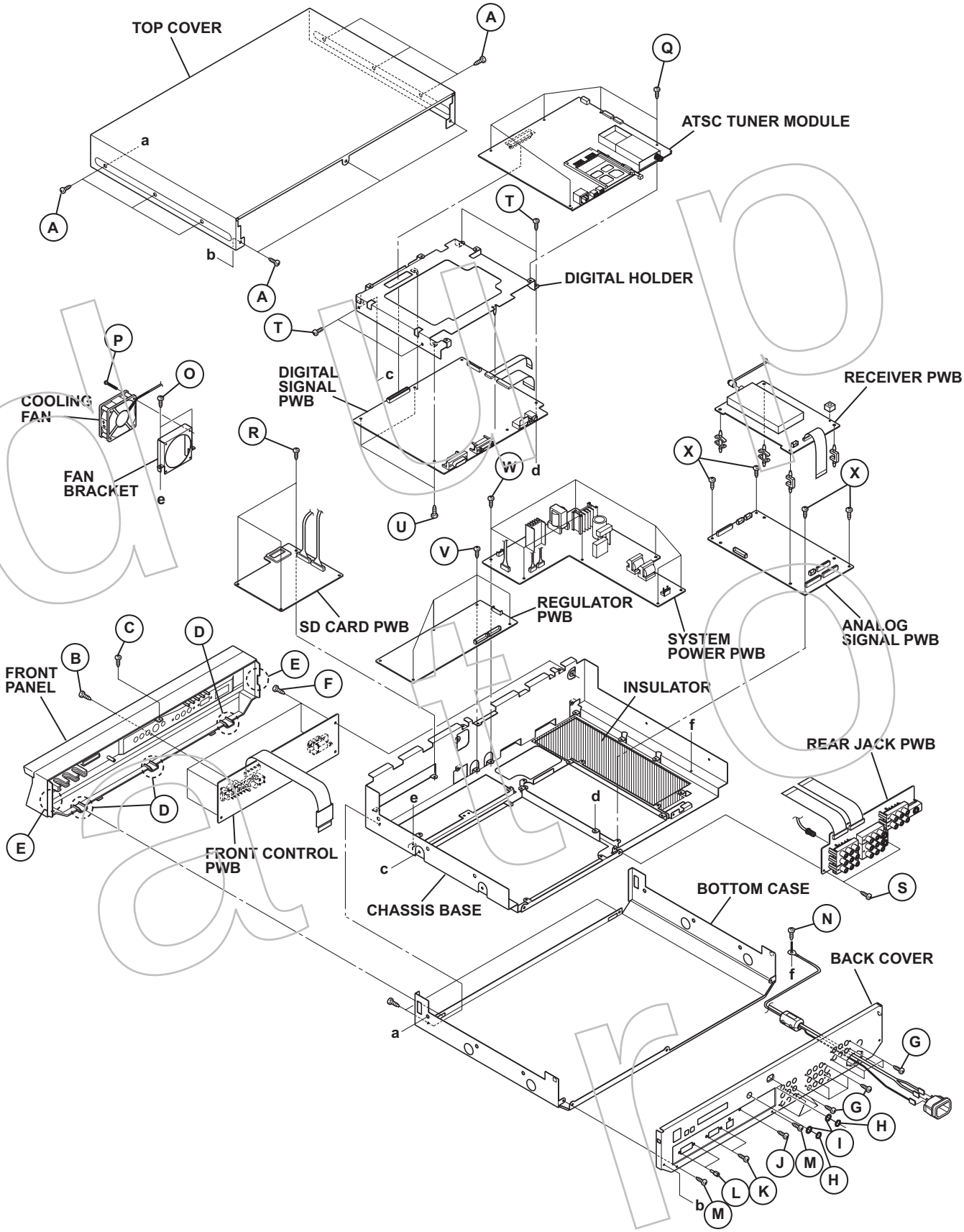

TOP COVER
ATSC TUNER MODULE
DIGITAL HOLDER
DIGITAL SIGNAL PWB
COOLING FAN
FAN BRACKET
RECEIVER PWB
SD CARD PWB
REGULATOR PWB
SYSTEM POWER PWB
ANALOG SIGNAL PWB
FRONT PANEL
INSULATOR
REAR JACK PWB
FRONT CONTROL PWB
CHASSIS BASE
BOTTOM CASE
BACK COVER

Fig.9

3.4 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

3.4.1 MEMORY IC REPLACEMENT PROCEDURE

1. Power off
Switch off the power and disconnect the power plug from the AC outlet.

2. Replace the memory IC
Be sure to use the memory IC written with the initial setting values.

3. Power on
Connect the power plug to the AC outlet and switch on the power.

4. Receiving channel setting
Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.

5. User setting
Check the user setting items according to the given in page later. Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.

6. SERVICE MODE setting
Verify what to set in the SERVICE MODE, and set whatever is necessary (Fig.1). Refer to the SERVICE ADJUSTMENT for setting.

3.4.2 SERVICE MODE SETTING

■SERVICE MODE SCREEN

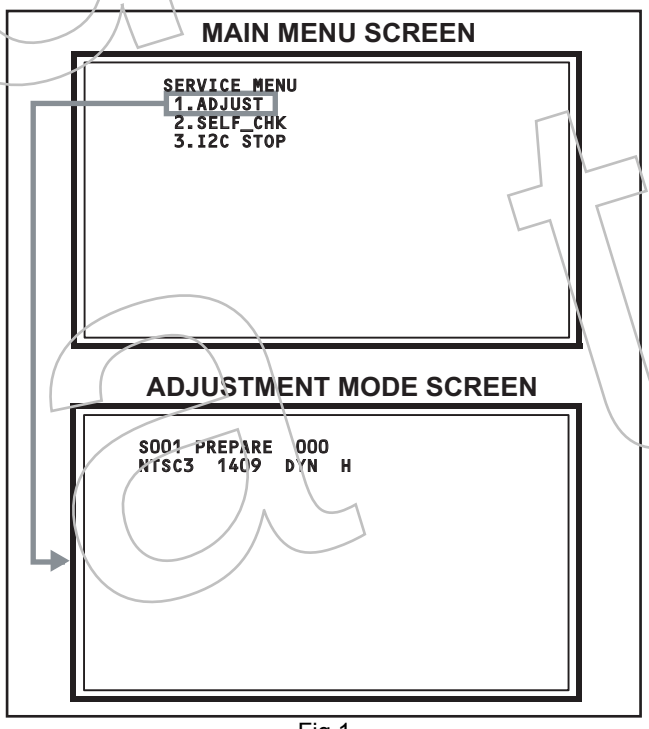


Fig.1

■SETTING ITEM

Setting items	Settings	Item No.
Video system setting	Adjust	S001 - S039
Audio system setting	Adjust	T001 - T010
Panel control system setting	Fixed	P001 - P010
Drive system setting	Fixed	D001 - D187
Main cpu system setting	Fixed	Z001 - Z010

3.4.3 SETTINGS OF FACTORY SHIPMENT

3.4.3.1 BUTTON OPERATION [DISPLAY UNIT]

Setting item	Setting position
POWER	Off
CHANNEL	CABLE-02
VOLUME	10
INPUT	TV

3.4.3.2 REMOTE CONTROL DIRECT OPERATION

Setting item		Setting position
INPUT		TV
CHANNEL		CABLE-02
VOLUME		10
MUTING		OFF
DISPLAY		OFF
ASPECT	NTSC	PANORAMA
	HD	FULL
MULTI SCREEN		1 SCREEN
SLEEP TIMER		OFF
CLOSED CAPTION		OFF
THEATER PRO		OFF
NATURAL CINEMA		AUTO
VIDEO STATUS		DYNAMIC
MTS		STEREO
SOUND EFFECT	A.H.S	OFF
	BBE	ON
	SMART SOUND	OFF
	A.H.B	ON

3.4.3.3 REMOTE CONTROL MENU OPERATION

1. PICTURE ADJUST

Customers can adjust the picture setting of menu screen as their own like but the picture standard value during factory shipment is as below.

< NTSC MODE >

Setting item	DYNAMIC	STANDARD	GAME	THEATER
PICTURE	+12	00	-05	00
BRIGHT	00	00	00	00
COLOR	+08	00	-03	00
TINT	00	00	-05	00
DETAIL	+05	00	-03	00
COLOR TEMPERATURE	HIGH	LOW	HIGH	HIGH
DIG. NOISE CLEAR	OFF	OFF	OFF	OFF
NATURAL CINEMA	AUTO	AUTO	AUTO	AUTO
COLOR MANAGEMENT	ON	ON	ON	ON
DYNAMIC GAMMA	ON	ON	ON	ON

< HD MODE >

Setting item	DYNAMIC	STANDARD	GAME	THEATER
PICTURE	+12	00	-05	00
BRIGHT	00	00	00	00
COLOR	+08	00	-03	00
TINT	00	00	00	00
DETAIL	+05	00	-03	00
COLOR TEMPERATURE	HIGH	LOW	HIGH	LOW
DIG. NOISE CLEAR	OFF	OFF	OFF	OFF
NATURAL CINEMA	AUTO	AUTO	AUTO	AUTO
COLOR MANAGEMENT	ON	ON	ON	ON
DYNAMIC GAMMA	ON	ON	ON	ON

2. SOUND ADJUST

Setting item	Setting position
BASS	00
TREBLE	00
BALANCE	00
MTS	STEREO

3. CLOCK / TIMERS

Setting item	Setting position
ON / OFF TIMER	OFF

4. INITIAL SETUP

Setting item	Setting position
VIDEO-1 MONITOR OUT	OFF
TV SPEAKER	ON
AUDIO OUT	FIX
DIGITAL-IN	SIZE 1
DIGITAL-IN AUDIO	DIGITAL
CENTER CH INPUT	OFF
NOISE MUTING	ON
FRONT PANEL LOCK	OFF
V1 SMART INPUT	OFF
VIDEO INPUT LABEL	All blank
POSITION ADJUSTMENT	Center
POWER INDICATOR	HIGH
LANGUAGE	ENG.
CLOSED CAPTION	OFF
AUTO SHUT OFF	OFF
XDS ID	ON
V-CHIP	OFF
AUTO DEMO	OFF

3.5 REPLACEMENT OF CHIP COMPONENT

3.5.1 CAUTIONS

(1) Avoid heating for more than 3 seconds.
(2) Do not rub the electrodes and the resist parts of the pattern.
(3) When removing a chip part, melt the solder adequately.
(4) Do not reuse a chip part after removing it.

3.5.2 SOLDERING IRON

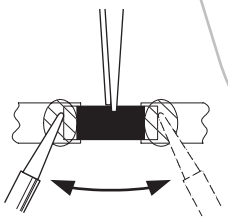
(1) Use a high insulation soldering iron with a thin pointed end of it.
(2) A 30w soldering iron is recommended for easily removing parts.

3.5.3 REPLACEMENT STEPS

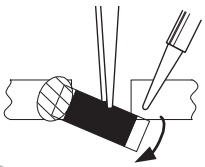
1. How to remove Chip parts

[Resistors, capacitors, etc.]

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.

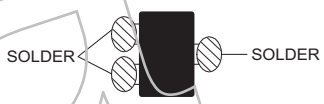


(2) Shift with the tweezers and remove the chip part.

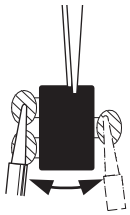


[Transistors, diodes, variable resistors, etc.]

(1) Apply extra solder to each lead.



(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.

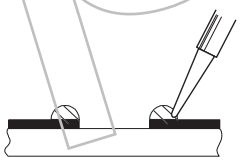


NOTE :
After removing the part, remove remaining solder from the pattern.

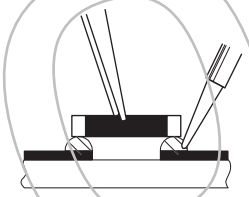
2. How to install Chip parts

[Resistors, capacitors, etc.]

(1) Apply solder to the pattern as indicated in the figure.

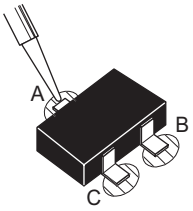


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

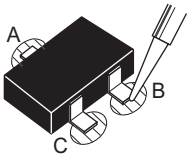


[Transistors, diodes, variable resistors, etc.]

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.



(4) Then solder leads **B** and **C**.



SECTION 4
ADJUSTMENT

4.1 ADJUSTMENT PREPARATION

(1) **There are 2 ways of adjusting this TV : One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.**
(2) **The adjustment using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.**
(3) Make sure that connection is correctly made AC to AC power source.
(4) Turn on the power of the TV and measuring instruments for warning up for at least 30 minutes before starting adjustments.
(5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
(6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

4.2 PRESET SETTING BEFORE ADJUSTMENTS

Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

Setting item	Settings
VIDEO STATUS	STANDARD
BRIGHT / CONTRAST / COLOR / TINT	00
COLOR TEMPERATURE	LOW
DIG. NOISE CLEAR	OFF
COLOR MANAGEMENT	ON
DYNAMIC GAMMA	ON
NATURAL CINEMA	AUTO
TREBLE / BASS / BALANCE	00
BBE	ON
A.H.S	OFF
A.H.B	ON
MTS	STEREO
SMART SOUND	OFF
AUDIO OUT	FIX
ASPECT	FULL

4.3 MEASURING INSTRUMENT AND FIXTURES

- Oscilloscope
- Signal generator (Pattern generator) [NTSC / 525i / 1125i]
- TV audio multiplex signal generator
- Remote control unit

4.4 ADJUSTMENT ITEMS

■ **POWER CIRCUIT [DISPLAY UNIT: PD-42X795]**
- PDP POWER VOLTAGE adjustment

■ **POWER CIRCUIT [DISPLAY UNIT: PD-50X795]**
- PDP POWER VOLTAGE adjustment

■ **VIDEO CIRCUIT [RECEIVER UNIT]**
- 525i A-D OFFSET adjustment
- 1125i BRIGHTNESS adjustment
- 1125i A-D OFFSET adjustment
- SUB SCREEN A-D OFFSET adjustment
- WHITE BALANCE (HIGHLIGHT) adjustment

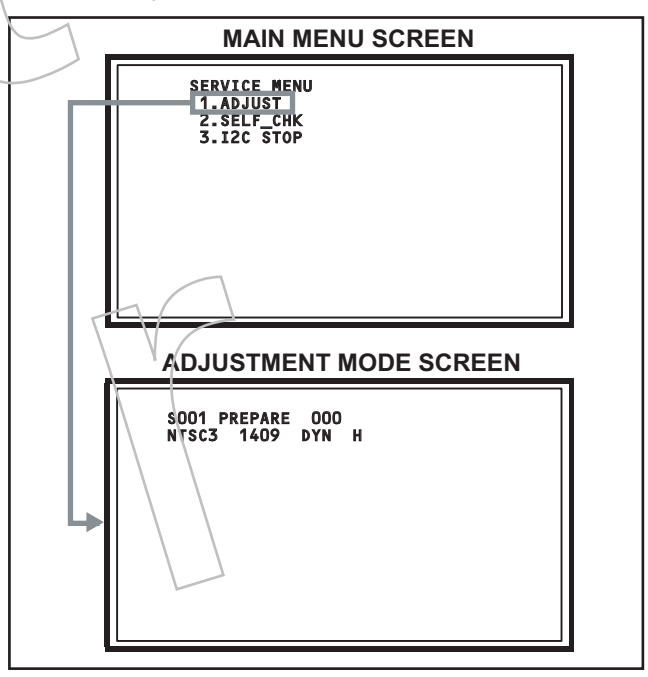
■ **MTS CIRCUIT [RECEIVER UNIT]**
- MTS INPUT LEVEL adjustment
- MTS SEPARATION adjustment

4.5 BASIC OPERATION OF SERVICE MODE

4.5.1 HOW TO ENTER THE SERVICE MODE

(1) Set to 0 minutes using the [SLEEP TIMER] key.
(2) Press the [VIDEO STATUS] key and [DISPLAY] key simultaneously, then enter the SERVICE MODE.
(3) When the MAIN MENU SCREEN is displayed, press [1] key to enter the adjustment mode.

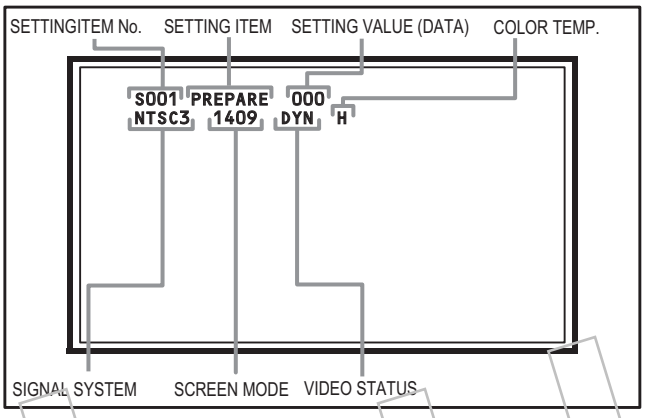
NOTE:
- Before entering the SERVICE MODE, confirm that the setting of TV / CATV switch of the REMOTE CONTROL UNIT is at the "TV" side and the setting of VCR / DVD switch is at the "VCR" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.
- When a number key other than the [1] to [3] key is pressed in the MAIN MENU SCREEN, the other relevant screen may be displayed.
  This is not used in the adjustment procedure. Press the [MENU] key to return to the MAIN MENU SCREEN.



4.5.2 HOW TO EXIT THE SERVICE MODE

Press the [MENU] key to exit the Service mode.

4.5.3 DESCRIPTION OF STATUS DISPLAY



(1) SIGNAL SYSTEM

The signal displayed on the screen is displayed.

NTSC3	: 525i (Composite / S-video input)
525I	: 525i (Component input)
525P	: 525p
1125I6	: 1125i
750P	: 750p
H525I	: HDMI 525i
H525P	: HDMI 525p
H1125I6	: HDMI 1125i
H750P	: HDMI 750p
PCVGA	: PC (VGA)
PCXGA	: PC (XGA)

(2) SCREEN MODE

State of the SCREEN SIZE or MULTI PICTURE is displayed.

SINGLE SCREEN

1409	: FULL
1609	: PANORAMA, HD PANORAMA
1609S	: CINEMA, CINEMA ZOOM
FULL	: REGULAR

MULTI SCREEN

M12	: FREEZE screen
FRZ	: TWIN screen
STD	: INDEX screen

(3) VIDEO STATUS

STD	: STANDARD
DYN	: DYNAMIC
TH	: THEATER
GAME	: GAME

(4) COLOR TEMP.

H	: HIGH
M	: LOW

(5) SETTING ITEM NAME

Setting item name are displayed. The setting item numbers to be displayed are listed below.

Item No.	Setting item
S001 - S039	Video system setting
T001 - T010	Audio system setting
P001 - P010	Panel control system setting
D001 - D187	Drive system setting
Z001 - Z010	Main CPU system setting

(6) SETTING ITEM NO.

Setting item numbers are displayed. For the setting item names to be displayed, refer to "Initial setting value of adjustment mode".

(7) SETTING VALUE (DATA)

The SETTING VALUE is displayed.

4.5.4 CHANGE AND MEMORY OF SETTING VALUE

SELECTION OF SETTING ITEM

- [CHANNEL (+/-)] key.
  For scrolling up / down the setting items.

  S001... ↔ T001... ↔ P001... ↔ D001... ↔ Z001...

- [SLEEP TIMER] key.
  For switching to next items.

  S001 → T001 → P001 → D001 → Z001

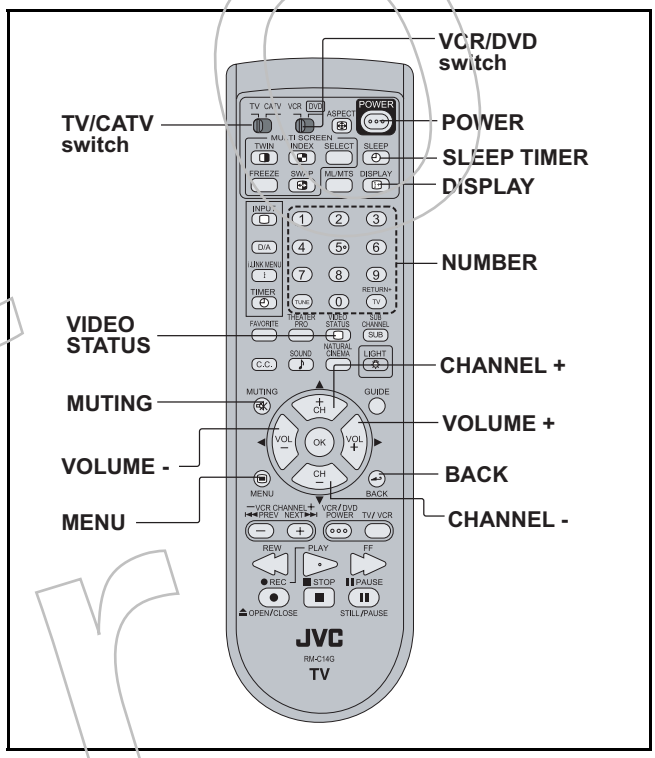
CHANGE OF SETTING VALUE (DATA)

- [VOLUME (+/-)] key.
  For scrolling up / down the setting values.

MEMORY OF SETTING VALUE (DATA)

Changed setting value is memorized by pressing [MUTING] key.

4.5.5 SERVICE MODE SELECT KEY LOCATION



4.6 INITIAL SETTING VALUES IN THE SERVICE MODE

- Perform fine-tuning based on the "initial values" using the remote control when in the Service mode.
- The "initial values" serve only as an indication rough standard and therefore the values with which optimal display can be achieved may be different from the default values. But, don't change the values that are not written in "ADJUSTMENT PROCEDURE". They are fixed values.

4.6.1 VIDEO SYSTEM SETTING

Item No.	Item name	Variable range	Setting value
S001	PREPARE	000 - 031	000
S002	NTSC BL	000 - 015	000
S003	NTSC CNT	000 - 255	033
S004	NT CR OF	000 - 015	006
S005	NT CB OF	000 - 015	006
S006	525i BL	000 - 015	000
S007	525i CNT	000 - 255	033
S008	5i CB OF	000 - 015	000
S009	5i CR OF	000 - 015	000
S010	5i CR GN	000 - 015	006
S011	5i CB GN	000 - 015	006
S012	HD BL	000 - 063	057
S013	HD CB OF	000 - 063	058
S014	HD CR OF	000 - 063	060
S015	RT CONT	000 - 015	007
S016	RT CB OF	000 - 015	005
S017	RT CR OF	000 - 015	007
S018	RT CL GA	000 - 015	004
S019	PC CL MB	000 - 007	000
S020	PC CL LB	000 - 031	000
S021	PC CL MR	000 - 071	000
S022	PC CL LR	000 - 031	000
S023	(Not display)	000 - 255	000
S024	(Not display)	000 - 255	000
S025	(Not display)	000 - 255	000
S026	(Not display)	000 - 255	000
S027	(Not display)	000 - 255	000
S028	(Not display)	000 - 255	000
S029	(Not display)	000 - 255	000
S030	R DRIVE	000 - 255	143
S031	G DRIVE	000 - 255	133
S032	B DRIVE	000 - 255	140
S033	(Not display)	000 - 255	000
S034	(Not display)	000 - 255	000
S035	(Not display)	000 - 255	000
S036	(Not display)	000 - 255	000
S037	(Not display)	000 - 255	000
S038	(Not display)	000 - 255	000
S039	ILA COM	000 - 001	000

4.6.2 AUDIO SYSTEM SETTING

Item No.	Item name	Variable range	Setting value
T001	IN LEVEL	000 - 255	010
T002	LOW SEP	000 - 255	030
T003	HIGH SEP	000 - 255	019
T004	AFC	-128 - +127	+00
T005	(Not display)	00 - FF	00
T006	ATT V ON	000 - 001	000
T007	ATT U ON	000 - 001	000
T008	ATT C ON	000 - 001	000
T009	(Not display)	000 - 255	000
T010	(Not display)	000 - 255	000

4.6.3 PANEL CONTOROL SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value
P001	TM HOR H	00 - FF	02
P002	TM HOR L	00 - FF	59
P003	TM MIN	00 - FF	20
P004	TEMP0	000 - 255	000
P005	(Not display)	000 - 255	000
P006	(Not display)	000 - 255	000
P007	(Not display)	000 - 255	000
P008	(Not display)	000 - 255	000
P009	(Not display)	000 - 255	000
P010	(Not display)	000 - 255	000

4.6.4 DRIVE SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value
D001	SLV GN	00 - 3F	20
D002	SLVH GN	00 - 3F	20
D003	SLH GN	00 - 3F	20
D004	SLV Pf	00 - 03	01
D005	SLH Pf H	00 - 01	01
D006	SLH Pf L	00 - 03	01
D007	SL EGCON	00 - 3F	04
D008	SL EGONF	00 - 01	01
D009	SL CRGON	00 - 3F	05
D010	SL CRGON	00 - 01	01
D011	SL ON OF	00 - 01	01
D012	SV GN	00 - 3F	20
D013	SVH GN	00 - 3F	18
D014	SH GN	00 - 3F	25
D015	SV Pf	00 - 03	01
D016	SV PfH	00 - 01	01
D017	SV PfL	00 - 03	01
D018	SYL CON	00 - 3F	30
D019	SYL CONF	00 - 01	01

Item No.	Item name	Variable range	Setting value
D020	SYH CON	00 - 3F	18
D021	SYH CONF	00 - 01	01
D022	SC CON	00 - 3F	36
D023	SC CNONF	00 - 01	01
D024	SPM BLC	00 - 3F	08
D025	SPM BLCO	00 - 01	01
D026	SLIM	00 - 3F	30
D027	SLIMONF	00 - 01	01
D028	SCRG	00 - 3F	06
D029	SRGONF	00 - 01	01
D030	S ONF	00 - 01	01
D031	pb GN	00 - 3F	15
D032	pb PfH	00 - 01	00
D033	pb PfL	00 - 03	03
D034	pb CRG	00 - 3F	04
D035	pb CRGON	00 - 01	01
D036	pb ONF	00 - 01	01
D037	pr GN	00 - 3F	15
D038	pr PfH	00 - 01	00
D039	pr PfL	00 - 03	03
D040	pr CRG	00 - 3F	04
D041	pr CRGON	00 - 01	00
D042	pr ONF	00 - 01	01
D043	ENH ONF	00 - 01	01
D044	(Not display)	00 - FF	00
D045	(Not display)	00 - FF	00
D046	(Not display)	00 - FF	00
D047	(Not display)	00 - FF	00
D048	(Not display)	00 - FF	00
D049	(Not display)	00 - FF	00
D050	(Not display)	00 - FF	00
D051	(Not display)	00 - FF	00
D052	(Not display)	00 - FF	00
D053	(Not display)	00 - FF	00
D054	(Not display)	00 - FF	00
D055	(Not display)	00 - FF	00
D056	(Not display)	00 - FF	00
D057	(Not display)	00 - FF	00
D058	(Not display)	00 - FF	00
D059	(Not display)	00 - FF	00
D060	(Not display)	00 - FF	00
D061	(Not display)	00 - FF	00
D062	(Not display)	00 - FF	00
D063	(Not display)	00 - FF	00
D064	(Not display)	00 - FF	00
D065	(Not display)	00 - FF	00
D066	(Not display)	00 - FF	00
D067	(Not display)	00 - FF	00
D068	(Not display)	00 - FF	00
D069	(Not display)	00 - FF	00

Item No.	Item name	Variable range	Setting value
D070	(Not display)	00 - FF	00
D071	(Not display)	00 - FF	00
D072	(Not display)	00 - FF	00
D073	(Not display)	00 - FF	00
D074	(Not display)	00 - FF	00
D075	(Not display)	00 - FF	00
D076	(Not display)	00 - FF	00
D077	(Not display)	00 - FF	00
D078	(Not display)	00 - FF	00
D079	(Not display)	00 - FF	00
D080	(Not display)	00 - FF	00
D081	(Not display)	00 - FF	00
D082	(Not display)	00 - FF	00
D083	(Not display)	00 - FF	00
D084	(Not display)	00 - FF	00
D085	(Not display)	00 - FF	00
D086	(Not display)	00 - FF	00
D087	(Not display)	00 - FF	00
D088	(Not display)	00 - FF	00
D089	(Not display)	00 - FF	00
D090	(Not display)	00 - FF	00
D091	(Not display)	00 - FF	00
D092	(Not display)	00 - FF	00
D093	(Not display)	00 - FF	00
D094	(Not display)	00 - FF	00
D095	(Not display)	00 - FF	00
D096	(Not display)	00 - FF	00
D097	(Not display)	00 - FF	00
D098	(Not display)	00 - FF	00
D099	(Not display)	00 - FF	00
D101	(Not display)	00 - FF	00
D102	(Not display)	00 - FF	00
D103	(Not display)	00 - FF	00
D104	(Not display)	00 - FF	00
D105	(Not display)	00 - FF	00
D106	(Not display)	00 - FF	00
D107	(Not display)	00 - FF	00
D108	(Not display)	00 - FF	00
D109	(Not display)	00 - FF	00
D110	(Not display)	00 - FF	00
D111	(Not display)	00 - FF	00
D112	(Not display)	00 - FF	00
D113	(Not display)	00 - FF	00
D114	(Not display)	00 - FF	00
D115	(Not display)	00 - FF	00
D116	(Not display)	00 - FF	00
D117	(Not display)	00 - FF	00
D118	(Not display)	00 - FF	00
D119	(Not display)	00 - FF	00
D120	(Not display)	00 - FF	00

Item No.	Item name	Variable range	Setting value
D121	(Not display)	00 - FF	00
D122	(Not display)	00 - FF	00
D123	(Not display)	00 - FF	00
D124	(Not display)	00 - FF	00
D125	(Not display)	00 - FF	00
D126	(Not display)	00 - FF	00
D127	(Not display)	00 - FF	00
D128	(Not display)	00 - FF	00
D129	(Not display)	00 - FF	00
D130	(Not display)	00 - FF	00
D131	(Not display)	00 - FF	00
D132	(Not display)	00 - FF	00
D133	(Not display)	00 - FF	00
D134	(Not display)	00 - FF	00
D135	(Not display)	00 - FF	00
D136	(Not display)	00 - FF	00
D137	(Not display)	00 - FF	00
D138	(Not display)	00 - FF	00
D139	(Not display)	00 - FF	00
D140	(Not display)	00 - FF	00
D141	(Not display)	00 - FF	00
D142	(Not display)	00 - FF	00
D143	(Not display)	00 - FF	00
D144	(Not display)	00 - FF	00
D145	(Not display)	00 - FF	00
D146	(Not display)	00 - FF	00
D147	(Not display)	00 - FF	00
D148	(Not display)	00 - FF	00
D149	(Not display)	00 - FF	00
D150	(Not display)	00 - FF	00
D151	(Not display)	00 - FF	00
D152	(Not display)	00 - FF	00
D153	(Not display)	00 - FF	00
D154	(Not display)	00 - FF	00
D155	(Not display)	00 - FF	00
D156	(Not display)	00 - FF	00
D157	(Not display)	00 - FF	00
D158	(Not display)	00 - FF	00
D159	(Not display)	00 - FF	00
D160	(Not display)	00 - FF	00
D161	(Not display)	00 - FF	00
D162	(Not display)	00 - FF	00
D163	(Not display)	00 - FF	00
D164	(Not display)	00 - FF	00
D165	(Not display)	00 - FF	00
D166	(Not display)	00 - FF	00
D167	(Not display)	00 - FF	00
D168	(Not display)	00 - FF	00
D169	(Not display)	00 - FF	00
D170	(Not display)	00 - FF	00

Item No.	Item name	Variable range	Setting value
D171	(Not display)	00 - FF	00
D172	(Not display)	00 - FF	00
D173	(Not display)	00 - FF	00
D174	(Not display)	00 - FF	00
D175	(Not display)	00 - FF	00
D176	(Not display)	00 - FF	00
D177	(Not display)	00 - FF	00
D178	(Not display)	00 - FF	00
D179	(Not display)	00 - FF	00
D180	(Not display)	00 - FF	00
D181	(Not display)	00 - FF	00
D182	(Not display)	00 - FF	00
D183	(Not display)	00 - FF	00
D184	(Not display)	00 - FF	00
D185	(Not display)	00 - FF	00
D186	(Not display)	00 - FF	00
D187	(Not display)	00 - FF	00

4.6.5 MAIN CPU SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value
Z001	(Not display)	00 - FF	00
Z002	(Not display)	00 - FF	00
Z003	(Not display)	00 - FF	00
Z004	(Not display)	00 - FF	00
Z005	(Not display)	00 - FF	00
Z006	(Not display)	00 - FF	00
Z007	(Not display)	00 - FF	00
Z008	(Not display)	00 - FF	00
Z009	(Not display)	00 - FF	00
Z010	(Not display)	00 - FF	00

4.7 ADJUSTMENT PROCEDURE

4.7.1 POWER CIRCUIT [DISPLAY UNIT: PD-42X795]

Item	Measuring instrument	Test point	Adjustment part	Description
PDP POWER VOLTAGE	Signal generator DC voltmeter Resistor (1kΩ) DC power supply	Connector CN0C4 Vs Vset Ve Va Vscan [MAIN POWER PWB]	Vs VR:170V ADJ (R9424) Vset VR:160V ADJ (R9640) Ve VR:155V ADJ (R9646) Va VR:70V ADJ (R9219) Vscan VR:-60V ADJ (R9628) [MAIN POWER PWB]	**CAUTION:** • During adjustment operation of PDP POWER VOLTAGE, don't touch the heat sink of the MAIN POWER PWB. If you touch it, electric shock may be caused. **< When MAIN POWER PWB is not replaced >** (1) Connect the DC voltmeter, load resistor (1kΩ), DC power supply and switch SW1 to the CN0C4 connector and turn on the main power and switch SW1. (See Fig.2.) (2) Adjust Vs (170V ADJ) VR, Vset (160V ADJ) VR, Ve (155V ADJ) VR, Va (70V ADJ) VR and Vscan (-60V ADJ) VR so that the Vs, Vset, Ve, Va and Vscan voltage coincides with the values in the voltage label. (3) Input a NTSC all-black signal and check that it coincides with the values in the voltage label. (4) Readjust if the adjusted value is different from those in the voltage label. **NOTE:** • Designed value for the panel is printed on a label on the upper-right at the back of the PDP. (See Fig.3.) **< When MAIN POWER PWB is replaced >** **CAUTION:** • Before making adjustments, be sure not to turn on the power when the CN8002, CN8003, CN8005, CN8006 and CN8008 connectors are connected, as this may cause the PDP to break down. (1) Disconnect the CN8002, CN8003, CN8005, CN8006 and CN8008 connectors on the MAIN POWER PWB. (2) Connect the DC voltmeter, load resistor (1kΩ), DC power supply and switch SW1 to the CN0C4 connector and turn on the main power and switch SW1. (See Fig.2.) (3) Adjust Vs (170V ADJ) VR, Vset (160V ADJ) VR, Ve (155V ADJ) VR, Va (70V ADJ) VR and Vscan (-60V ADJ) VR so that the Vs, Vset, Ve, Va and Vscan voltage coincides with the values in the voltage label. (4) Turn off the main power and switch SW1, and connect the CN8002, CN8003, CN8005, CN8006 and CN8008 connectors and turn on the power again. (5) Input a NTSC all-black signal and check that it coincides with the values in the voltage label. (6) If the adjusted value is different from those in the voltage label, fine-tune without unplugging the connectors. **CAUTION:** • Designated power supply voltage of the panel (Vs, Vset, Ve, Va, Vscan) varies according to the PDP unit. • Pay careful attention during adjustment, as any error in procedure may cause the PDP to break down.

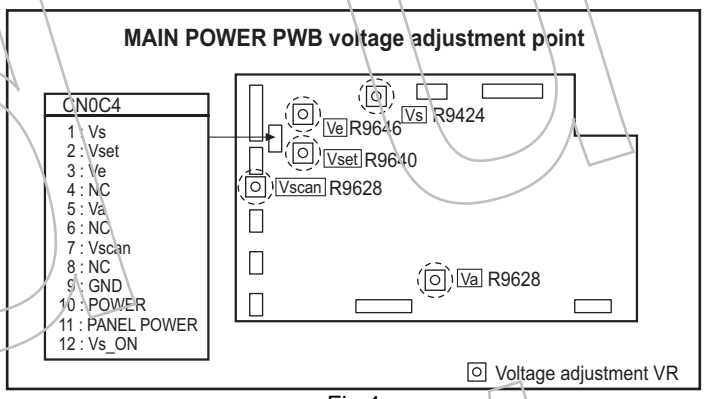


Fig.4

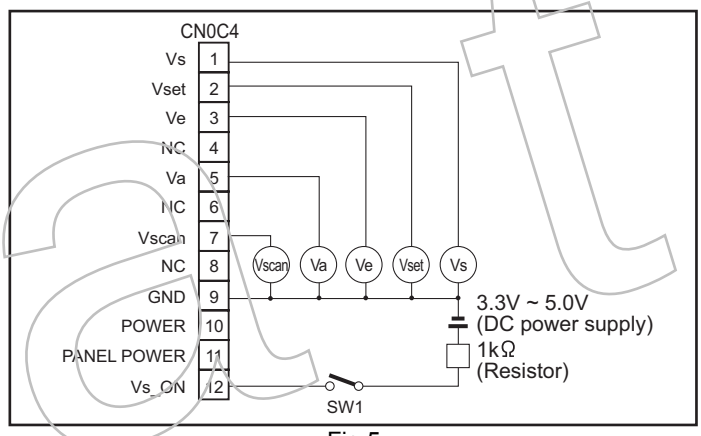


Fig.5

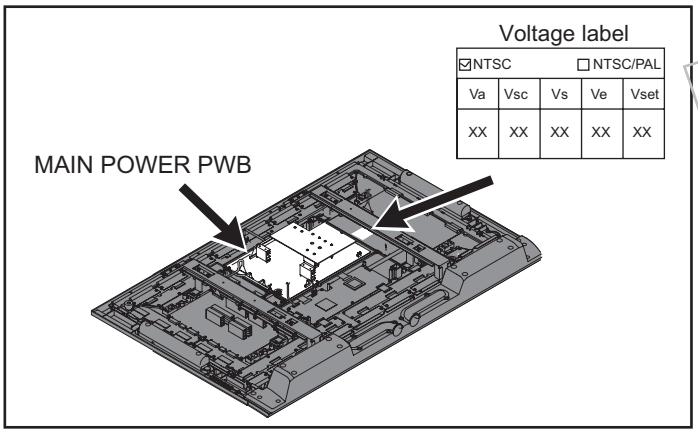


Fig.6

4.7.2 POWER CIRCUIT [DISPLAY UNIT: PD-50X795]

Item	Measuring instrument	Test point	Adjustment part	Description
PDP POWER VOLTAGE	Signal generator DC voltmeter	Connector CN806 Vs Va [MAIN POWER UNIT]	Vs VR:190V ADJ (R551) Va VR:60V ADJ (R351) [MAIN POWER UNIT]	**CAUTION:** • During adjustment operation of PDP POWER VOLTAGE, don't touch the heat sink of the MAIN POWER UNIT. If you touch it, electric shock may be caused. **< When MAIN POWER UNIT is not replaced >** (1) Connect the DC voltmeter to the CN806 connector and turn on the power. (See Fig.2) (2) Adjust Vs (190V ADJ) VR and Va (60V ADJ) VR so that the Vs and Va voltage coincides with the values in the voltage label. (3) Input a NTSC all-black signal and check that it coincides with the values in the voltage label. (4) Readjust if the adjusted value is different from those in the voltage label. **NOTE:** • Designed value for the panel is printed on a label on the upper-left at the back of the PDP. (See Fig.3) **< When MAIN POWER UNIT is replaced >** **CAUTION:** • Before making adjustments, be sure not to turn on the power when the CN805 and CN806 connectors are connected, as this may cause the PDP to break down. (1) Disconnect the CN805 and CN806 connectors on the MAIN POWER UNIT. (2) Connect DC voltmeter to the CN806 connector and turn on the power. (See Fig.2) (3) Adjust Vs (190V ADJ) VR and Va (70V ADJ) VR so that the Vs and Va voltage coincides with the values in the voltage label. (4) Turn off the power, and connect the CN805 and CN806 connectors and turn on the power again. (5) Input a NTSC all-black signal and check that it coincides with the values in the voltage label. (6) If the adjusted value is different from those in the voltage label, fine-tune without unplugging the connectors. **CAUTION:** • Designated power supply voltage of the panel (Vs, Va) varies according to the PDP unit. • Pay careful attention during adjustment, as any error in procedure may cause the PDP to break down.

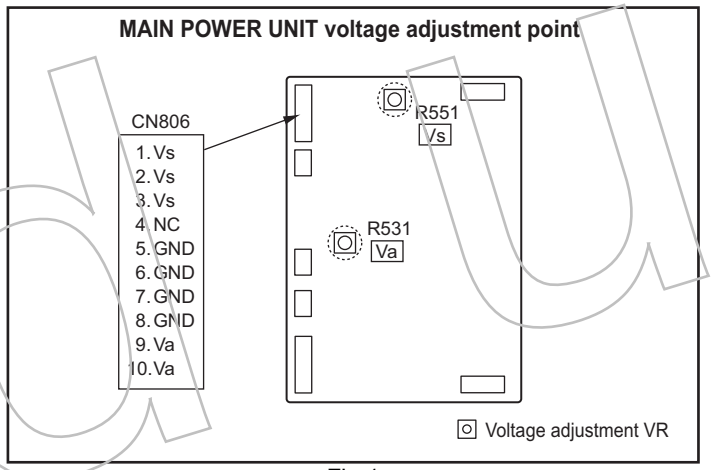


Fig.1

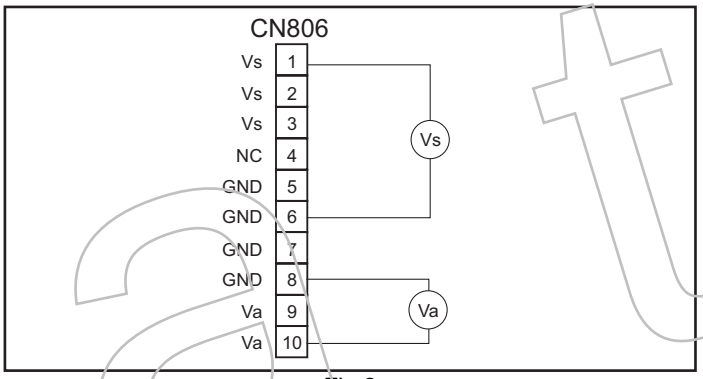


Fig.2

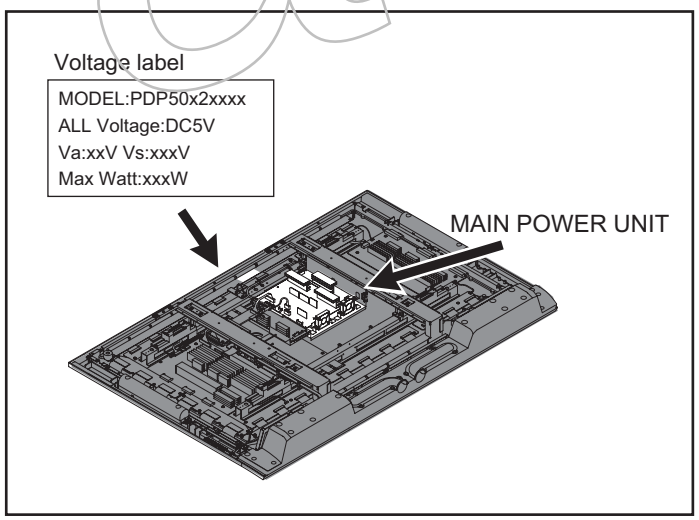
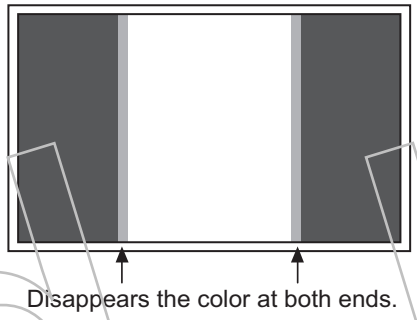
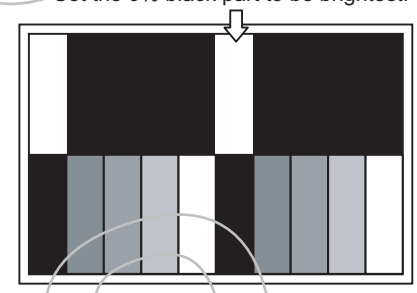
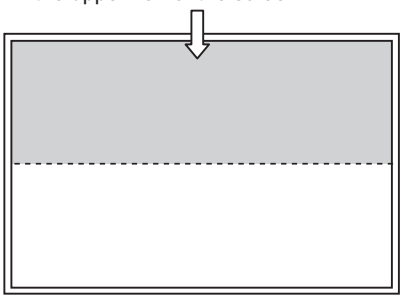
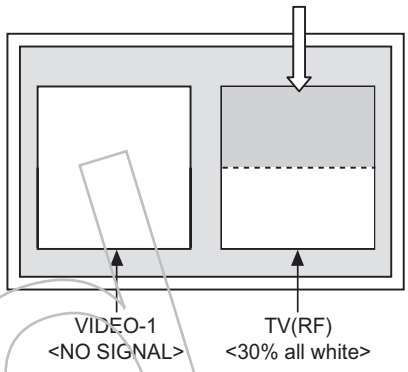


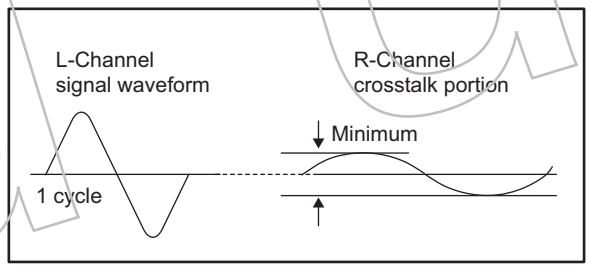
Fig.3

4.7.3 VIDEO CIRCUIT [RECEIVER UNIT]

Item	Measuring instrument	Test point	Adjustment part	Description
525i A-D OFFSET  	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S008: 5i CB OF(525i cb offset) S009: 5i CR OF(525i cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 525i component ramp pattern signal. (2) Set "VIDEO STATUS" to STANDARD. (3) Set "ASPECT" to FULL. (4) Set "COLOR TEMPERATURE" to LOW. (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "133". (7) Set < S001 >(adjustment setting mode change) to set "008" and it change to the 525i A-D offset adjustment setting mode. (8) Adjust < S008 > (525i Cb offset) and < S009 > (525i Cr offset) to lose the gap (red line, green line and blue line) which appears at both ends of a white part at the center of the screen. (9) Set < S001 > to set "000" and it change to the normal mode. (10) Press the [MUTING] key to memoirze the set value.
1125i BRIGHTNESS Set the 0% black part to be brightest. 	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S012: HD BL(1125i brightness) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 1125i gray scale pattern signal . (2) Set "VIDEO STATUS" to STANDARD. (3) Set "ASPECT" to FULL. (4) Set "COLOR TEMPERATURE" to LOW. (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "133". (7) Set < S001 > (adjustment setting mode change) to set the values "012" and it change to the 1125i brightness adjustment setting mode. (8) Adjust < S012 > (1125i brightness) to set the 0% black part in the upper half of the screen to be brightest. (9) Set < S001 > to set "000" and it change to the normal mode. (10) Press the [MUTING] key to memoirze the set value.
1125i A-D OFFSET Minimize the red and blue noises in the upper half of the screen. 	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S013: HD CB OF(1125i cb offset) S014: HD CR OF(1125i cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 1125i 30% all white pattern signal. (2) Set "VIDEO STATUS" to STANDARD. (3) Set "ASPECT" to FULL. (4) Set "COLOR TEMPERATURE" to LOW. (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "133". (7) Set < S001 > (adjustment setting mode change) to set "013" and it change to the 1125i A-D offset adjustment setting mode. (8) Set < S013 > (1125i Cb offset) to minimize the blue noise in the upper half of the screen. (9) Set < S014 > (1125i Cr offset) to minimize the red noise in the upper half of the screen. (10) Set < S001 > to set "000" and it change to the normal mode. (11) Press the [MUTING] key to memoirze the set value.

Item	Measuring instrument	Test point	Adjustment part	Description
SUB SCREEN A-D OFFSET	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S016: RT CB OF (Sub screen cb offset) S017: RT CR OF (Sub screen cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Set "VIDEO STATUS" to STANDARD. (2) Set "ASPECT" to FULL. (3) Set "COLOR TEMPERATURE" to LOW. (4) Set "MULTI SCREEN" to TWIN. (5) Receive a NTSC 30% all white pattern signal on the Right screen. At the same time, set the Left screen in VIDEO-1 mode (No signal). (6) Select "1.ADJUST" from the SERVICE MODE. (7) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "133". (8) Set < S001 > (adjustment setting mode change) to set "017" and it change to the sub screen A-D offset adjustment setting mode. (9) Adjust < S016 > (Sub screen cb offset) to minimize the blue noise in the upper half of the screen. **If you select an adjustment item < S016 >, then the screen automatically turn to twin pictures mode.** (10) Adjust < S017 > (Sub screen cr offset) to minimize the red noise in the upper half of the screen. (11) Readjust < S016 > and < S017 > to set the upper half of the screen to be the blackest. (See Fig.9) (12) Set < S001 > to set "000" and it change to the normal mode. (13) Press the [MUTING] key to memoirze the set value.
Set the 0% block part to be brightest.  				
WHITE BALANCE (HIGHLIGHT)	Remote control unit Signal generator		[1.ADJUST] S030: R DRIVE (Red drive) S031: G DRIVE (Green drive) S032: B DRIVE (Blue drive)	(1) Receive a NTSC 75% all white signal. (2) Set "VIDEO STATUS" to STANDARD. (3) Set "ASPECT" to FULL. (4) Set "COLOR TEMPERATURE" to LOW. (5) Select "1.ADJUST" from the SERVICE MODE. (6) Adjust to keep one of < S030 > (Red drive), < S031 > (Green drive) or < S032 > (Blue drive) unchanged, then lower the other two so that the all-white screen is equally white throughout. **NOTE:** Set one or more of < S030 >, < S031 >, and < S032 > to "133". (7) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it. (8) Press the [MUTING] key to memoirze the set value.

4.7.4 MTS CIRCUIT [RECEIVER UNIT]

Item	Measuring instrument	Test point	Adjustment part	Description
MTS INPUT LEVEL	Remote control unit Signal generator		[1.ADJUST] T001: IN LEVEL	(1) Receive the any broadcast. (2) Select "1.ADJUST" from the SERVICE MODE. (3) Verify that the < T001 > (IN LEVEL) is set at its initial setting value. (4) Press the [MUTING] key to memorize the set value.
MTS SEPARATION	TV audio multiplex signal generator Oscilloscope Remote control unit	L OUT R OUT	[1.ADJUST] T002: LOW SEP T003: HI SEP	(1) Input the stereo L signal (300Hz) from the TV audio multiplex signal generator to the antenna terminal. (2) Connect an oscilloscope to L OUT pin of the AUDIO OUT, and display one cycle portion of the 300Hz signal. (3) Change the connection of the oscilloscope to R OUT pin of the AUDIO OUT, and enlarge the voltage axis. (4) Select "1.ADJUST" from the SERVICE MODE. (5) Set the initial setting value of the < T002 > (LOW SEP). (6) Adjust the < T002 > so that the stroke element of the 300Hz signal will become minimum. (7) Change the signal to 3kHz, and similarly adjust the < T003> (HI SEP). (8) Press the [MUTING] key to memorize the set value.
				

SECTION 5
TROUBLESHOOTING

5.1 SELF CHECK FEATURE

5.1.1 OUTLINE

This unit comes with the "Self check" feature, which checks the operational state of the circuit and displays/saves it during failure.Diagnosis is performed when power is turned on, and information input to the main microcomputer is monitored at all time.Diagnosis is displayed in 2 ways via screen display and LED flashes. Failure detection is based on input state of I^2C bus and the various control lines connected to the main microcomputer.

5.1.2 HOW TO ENTER THE SELF CHECK MODE

Before entering the Self check Display mode, confirm that the setting of TV / CATV SW of the REMOTE CONTROL UNIT is at the "TV" side and the setting of VCR / DVD SW is at the "VCR" side. If the switches have not been properly set, you cannot enter the Self check Display mode.

(1) Set to 0 minutes using the [SLEEP TIMER] key.
(2) Press the [VIDEO STATUS] key and [DISPLAY] key simultaneously, then enter the service mode.
(3) Press the [2] key (SELF_CHK) before the service mode screen disappears.
(4) Press the [SLEEP TIMER] key to enter Page 2 of the SELF CHECK MODE.
- When the [RETURN +] key pressed, the first page change screen.

NOTE:

When a number key other than the [1] to [3] key is pressed in the SERVICE MODE screen, the other relevant screen may be displayed.
This is not used in the adjustment procedure. Press the [MENU] key to return to the SERVICE MENU.

5.1.3 HOW TO EXIT THE SELF CHECK MODE

To Save Failure History:

Turn off the power by unplugging the AC power cord plug when in the Self check display mode.

To Clear (Reset) Failure History:

Turn off the power by pressing the [POWER] key on the remote control unit when in the Self check display mode.

5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item. When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

NOTE:

Only SYNC (with/without sync signals) will be neither counted nor stored.

5.1.5 POINTS TO NOTE WHEN USING THE SELF CHECK FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be iagnosed as "Abnormal" and displayed and counted as "NG".

(1) Temporary defective transmissions across circuits due to pulse interruptions
(2) Misalignment in the on/off timing of power for I^2C bus (VCC) when turning on/off the main power.

Diagnosis may be impeded if a large number of items are displayed as "NG". As such, start Self check check only after 3 seconds in the case of receivers and 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new diagnosis reults.

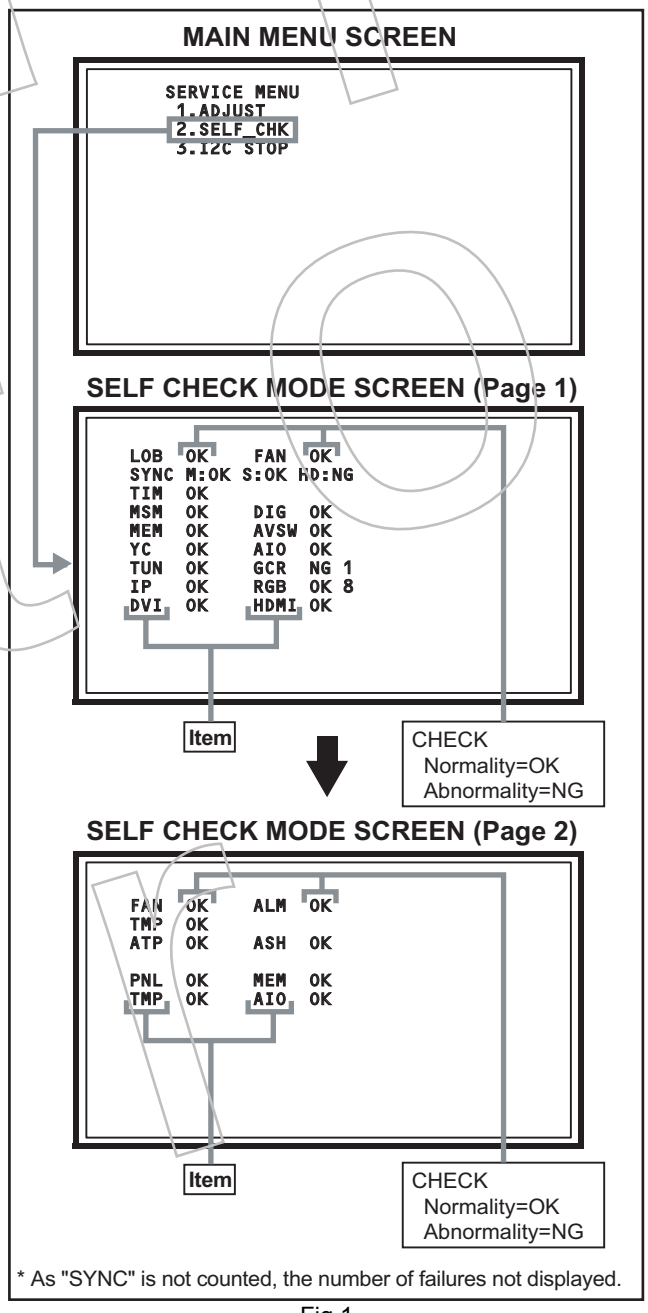


Fig.1

5.1.6 DETAILS

Self check is performed for the following items:

< Page 1 of screen (RECEIVER UNIT) >

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Low bias line short protection	LOB	Confirm the operation of the low bais (2.5V / 3.3V / 5V / 9V) protection circuit. **Q9822 [REGULATOR PWB]**	LB_PRO	Detection starts 3 seconds after the power is turned on. If error continues between 400ms the power is turned off.
Fan lock	FAN	Confirm the operation of the cooling fan. **IC711 [ANALOG SIGNAL PWB]**	FAN_LOCK	Detection starts 3 seconds after the power is turned on. If error continues between 250ms the power is turned off.
Presence of sync signal	SYNC	Confirmation of presence of video sync signal. M : Main sync signal S : Sub sync signal HD : Component sync signal **IC201 [ANALOG SIGNAL PWB]**	SDA	Confirmation of presence of sync signal in video signal.
AC power input	TIM	Not used.	---	---
Main CPU communication	MSM	Confirmation of ACK (response) signal which uses sync communications with Chassis CPU. **IC7601 [DIGITAL SIGNAL PWB]**	WAKE	If it checks whenever sync communication with sub (chassis) CPU performed and no reply of ACK signal an error will be counted.
Digital tuner	DIG	Not used.	---	---
Main memory	MEM	Same as above **IC7602 [DIGITAL SIGNAL PWB]**	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.
AV select switch	AVSW	Same as above. **IC301, IC501 [ANALOG SIGNAL PWB]**	SDA	Same as above.
3 dimensions YC separator	YC	Same as above. **IC1001 [DIGITAL SIGNAL PWB]**	SDA	Same as above.
Multi sound process	AIO	Same as above. **IC3101 [RECEIVER PWB]**	SDA	Same as above.
RF tuner	TUN	Same as above. **TU3001 [RECEIVER PWB]**	SDA	Same as above.
Ghost reduction	GCR	Not used.	---	---
DIST process	IF	Confirmation of reply of ACK signal which uses I^2C communication. **IC3001 [DIGITAL SIGNAL PWB]**	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.
RGB process	RGB	Same as above. **IC4001 [DIGITAL SIGNAL PWB]**	SDA	Same as above.
DVI (Digital communication)	DVI	Same as above. **IC6101 [DIGITAL SIGNAL PWB]**	SDA	Same as above.
Digital input	HDMI	Same as above. **IC8001 [DIGITAL SIGNAL PWB]**	SDA	Same as above.

< Page 2 of screen (DISPLAY UNIT) >

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Fan lock **[PD-50X795]**	FAN	Confirm the operation of the cooling fan. **IC807 [DISPLAY INTERFACE PWB]**	FAN_LOCK	Detection starts 8 seconds after the power is turned on. Detection is performed every 16ms. If errors continues between 300ms the power is turned off.
Abnormal of operation of PDP (PANEL)	ALM	Confirm the operation of the panel protection. **[PDP UNIT]**	SDA	Detection starts 8 seconds after the power is turned on. Detection is performed every 16ms. If errors continues between 300ms the power is turned off.
Abnormal rise of temperature in PDP (PANEL)	TMP	It detects whether the temperature in a display unit is normal. **IC8101 [TEMP. SENSOR PWB]**	SDA	Detection starts 8 seconds after the power is turned on. Detection is performed every 0.5 seconds. If a temperature rises beyond the temperature of 71ºC for detection of error over the predetermined 120 times the power is turned off.
Abnormal rise of temperature in AUDIO PWB	ATP	Not used.	---	Not used.
Short circuit detection of AUDIO PWB	ASH	Not used.	---	Not used.
Panel communication	PNL	It confirm whether panel communication is normal. **[PDP UNIT]**	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.
Panel memory	MEM	Confirmation of reply of ACK signal which uses I^2C communication. **IC805 [DISPLAY INTERFACE PWB]**	SDA	Same as above.
Temp. sensor operation	TMP	Same as above. **IC8101 [TEMP. SENSOR PWB]**	SDA	Same as above.
Audio control	AIO	Same as above. **IC6521 [AUDIO PWB]**	SDA	Same as above.

5.1.7 METHOD OF DISPLAY WHEN A RASTER IS NOT OUTPUT

In the state where a raster is not output by breakdown of the set, an error is displayed by blink of the POWER LED.

Type of error	Display	POWER LED flash cycle	Unit
Low bias line short protection	LOB	Low luminance blue Flash 1.0 second / Low luminance blue Out 1.0 seconds	RECEIVER UNIT
Fan lock [Receiver unit]	FAN	Low luminance blue Flash 0.1 second / Low luminance blue Out 0.1 seconds	RECEIVER UNIT
ATSC digital tuner error	---	Low luminance blue Flash 2.0 second / Low luminance blue Out 2.0 seconds	RECEIVER UNIT
Fan lock [Display unit]	FAN	High luminance blue Flash 0.1 second / High luminance blue Out 0.1 seconds	DISPLAY UNIT [PD-50X795]
Abnormal of operation of PDP (PANEL)	ALM	High luminance blue Flash 1.0 second / High luminance blue Out 1.0 seconds	DISPLAY UNIT
Abnormal rise of temperature in PDP (PANEL)	TMP	High luminance blue Flash 2.0 second / High luminance blue Out 2.0 seconds	DISPLAY UNIT

< Explanation of operation >

If error is detected, the power is turned off.
Shortly after a power is turned off, POWER LED will be blinked.
Power cannot be turned on until the power cord takes out and inserts, after a power is turned off.

duplicator

JVC
Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY VIDEO DISPLAY CATEGORY 12, 3-chome, Moriya-cho, kanagawa-ku, Yokohama, kanagawa-prefecture, 221-8528, Japan

(No.YA100)

Printed in Japan
VPT

JVC

I'Art PALETTE

Plasma Display Users Guide

For Models:
PD-42X795
PD-50X795

Illustration of PD-42X795 and RM-C14G

Important Note:

In the spaces below, enter the model and serial number of your television (located at the rear of the television cabinet). Staple your sales receipt or invoice to the inside cover of this guide. Keep this user's guide in a convenient place for future reference. Keep the carton and original packaging for future use.

Model Number: _____

Serial Number: _____

LCT1648-001A-A
0904TNH-II-IM

Important Safety Precautions

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: To reduce the risk of electric shock. Do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS TV SET TO RAIN OR MOISTURE.

CAUTION: TO INSURE PERSONAL SAFETY, OBSERVE THE FOLLOWING RULES REGARDING THE USE OF THIS UNIT.

1. Operate only from the power source specified on the unit.
2. Avoid damaging the AC plug and power cord.
3. Avoid Improper installation and never position the unit where good ventilation is unattainable.
4. Do not allow objects or liquid into the cabinet openings.
5. In the event of trouble, unplug the unit and call a service technician. Do not attempt to repair it yourself or remove the rear cover.

Changes or modifications not approved by JVC could void the warranty.

* When you don’t use this TV set for a long period of time, be sure to disconnect both the power plug from the AC outlet and antenna for your safety.
* To prevent electric shock do not use this polarized plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

The Cable Card Slot is covered by a seal. Peel off the seal if you are going to use the Cable Card Slot. When you are finished using the Cable Card after you have pulled it out, place an attached seal to cover the slot to reduce radiated emission.

IMPORTANT SAFETY INSTRUCTIONS

1) Read these instructions.

2) Keep these instructions.

3) Heed all warnings.

4) Follow all instructions.

5) Do not use this apparatus near water.

6) Clean only with dry cloth.

7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11) Only use attachments/accessories specified by the manufacturer.

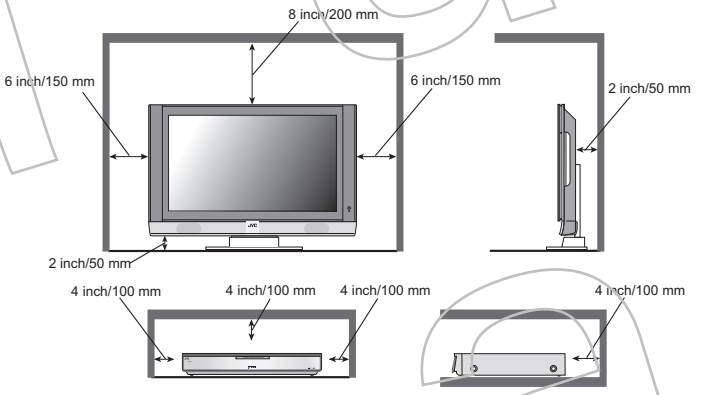
12) Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.

14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

15) Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

16) Avoid improper installation and never position the unit where good ventilation is impossible. When installing this TV, distance recommendations must be maintained between the set and the wall, as well as inside a tightly enclosed area or piece of furniture. Keep to the minimum distance guidelines shown for safe operation.



17) Cautions for installation

— Do not tilt the TV towards the left or right, or towards the back.
— Install the TV in a corner on the floor so as to keep cords out of the way.
— The TV will generate a slight amount of heat during operation. Ensure that sufficient space is available around the TV to allow satisfactory cooling.

FCC Notice:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.

– Increase the separation between the equipment and receiver.

– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

– Consult the dealer or an experienced radio/TV technician for help.

Warnings

Screen Burn-in

A characteristic of Plasma Display Panels (PDPs) is that displaying the same image for a long time causes a part of the image to stay on the screen (this is called phosphor burn-in).

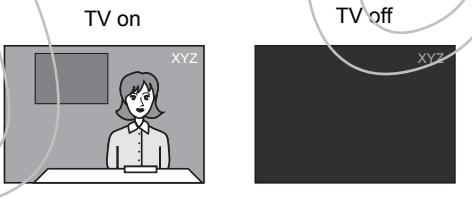
Avoid burn-in as follows.

IMAGE SHIFT
The picture displayed on the screen is shifted up, down and to the left and right at regular intervals. In order to prevent burn-in, set this function to FAST or STD. (Refer to page 48.) Even if the IMAGE SHIFT function is turned off, the picture will shift to the left or right when the channel or input is changed. This is only when the ASPECT function is in REGULAR mode.

VIDEO STATUS
The VIDEO STATUS function is initially set to DYNAMIC. Unless the TV is being watched in an extremely bright room, it is recommended to change the VIDEO STATUS setting to standard, theater or game. Doing so will reduce the chance of PDP burn-in and extend the life of the PDP. (Refer to page 68).

❑ **Do not display static images or characters for long periods of time.**

For example...

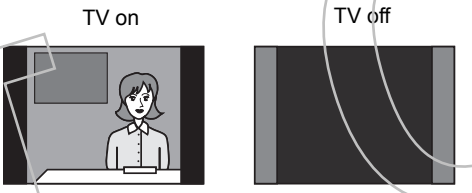


• Reduce PICTURE and BRIGHT on the PICTURE ADJUST menu (page 58) when viewing.

❑ **Do not view for long periods of time in the REGULAR mode (page 72).**

Screen size is normally chosen to ensure that the picture is displayed on the entire screen. After viewing in the REGULAR mode in which black bands may occur at the left and right of the screen, it is recommended to change to the PANORAMA mode to display the picture on the entire screen.

For example...



❑ **Do not view for long periods of time using the TWIN function (page 64) or INDEX function (page 65).**

Warnings

If Burn-in has occurred

If burn-in occurs, try the BURN-IN IMAGE REDUCER function (page 59). If burn-in is minimal it may gradually become less noticeable.

Note: Once burn-in occurs it will never disappear completely.

Point defects

PDPs use collections of fine pixels to display images. While there is no problem with more than 99.99% of these pixels, please understand that a very small number of pixels may not light or may light all the time.

Do not install the TV near electronic equipment that is susceptible to electromagnetic waves

It may cause interference in images, sound, etc. In particular, keep video equipment away from this product.

Effect on infrared devices

There may be interference while using infrared devices such as infrared cordless headphones.

The phenomenon described below is not a malfunction.

If the television is used at a location above an altitude of 2,000 m, a buzzing noise and image distortion may occur. This phenomenon is peculiar to PDP (Plasma Display Panel), and could occur with any television using PDP. It is not a malfunction.

Caring for the Cabinet

Normally, light dusting with a soft, non-scratching duster will keep your TV clean.

If you wish to wipe down the television, first unplug it. Then wipe gently with a soft cloth, slightly moistened with water. You can add a few drops of mild liquid detergent to the water to help remove spots of oily dirt.

DO NOT allow liquid to enter the TV through the ventilation slots.

DO NOT use strong or abrasive cleaners on the TV.

DO NOT spray liquids or cleaners directly on the TV's surface.

DO NOT rub or scrub the TV harshly. Wipe the set gently with a soft cloth.

Caring for the Screen

When it gets dirty, wipe it gently with a soft cloth.

Do not apply alcohol, organic solvents (like acetone), acidic or alkaline cleansers to the screen. These will remove the coating layer and cause discolorations.

Table of Contents

Important Safety Precautions . 2

Warnings 5

Quick Setup 9

Unpacking your TV 9
Attaching the stand to the TV 10
TV/Receiver 11
TV Remote Control 12
Getting Started 13
  Set up your TV 13
  The Remote Control 15
  Display Front/Receiver Front 16
  Connecting Your Devices 17
  Interactive Plug In Menu 30

Remote Programming 33

Setting CATV, VCR and DVD Codes . . . 33
  CATV or Satellite Codes 33
  VCR Codes 34
  DVD Codes 35
  Search Codes 36

Onscreen Menus 37

Using the Guide 37
Onscreen Menu System 38

Initial Setup 40

Auto Tuner Setup 40
Channel Summary 41
  Channel Label 42
V-Chip 43
  Set Lock Code 48
Auto Demo 49
Image Shift 49
Language 49
Closed Caption 50
Auto Shut Off 52
XDS ID 52
Noise Muting 52
Front Panel Lock 53
V1 Smart Input 53
Video Input Label 54
Position Adjustment 55
Power Indicator 55
Video-1 Monitor Out 55
TV Speaker 56
Audio Out 56
Digital-In 56
Digital-In Audio 57
Center CH Input 57

Picture Adjust 58

Picture Settings 58
  Adjust Picture Settings 58
Color Temperature 58
Digital Noise Clear 59
Color Management 59
Dynamic Gamma 59
Burn-in Image Reducer 60
Reset 60

Sound Adjust 61

Sound Settings 61
  Adjust Sound Settings 61
Reset 61

Clock Timers 62

Set Clock 62
On/Off Timer 63

Button Functions 64

Multi Screen Function 64
  Twin 64
  Index 65
  Freeze 65
  Swap 65
  Select 65
Power 66
Number Buttons 66
Tune 66
Input 66
TheaterPro D6500K 66
Return+/TV 67
Sound 67
Muting 68
Video Status 68
Natural Cinema 68
Sleep Timer 69
ML/MTS 69
Display 70
C.C. 70
Channel +/- 70
Volume +/- 70
Favorite 71
Aspect 72
  Aspect Ratios 72
Menu 73
OK 73
Back 73
TV/CATV Slide Switch 74
VCR/DVD Slide Switch 74
VCR Buttons 74
DVD Buttons 74
Light 74

Table of Contents (Continued...)

Digital Setup 75

Digital Setup 75
Antenna Level 75
Digital Sound 76
Aspect Ratio 76
Cable Card Application 77
i.LINK Auto Play 77
Software Update 77

Digital Button Functions . . . 78

Digital CH D/A (Digital/Analog) 78
Sub Channel 78
i.LINK Menu 79
  Controller 79
  Device 80
Timer 81
  Reservation 81
  Timer Edit 82
Guide 83

OSD Information 84

Weak Signal 84

Cable Card Information 85

Cable Card Connection 85

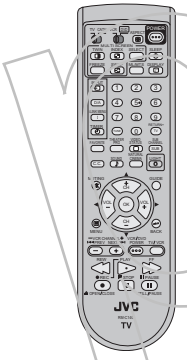
Appendices 86

Troubleshooting 86
Warranty 88
Authorized Service Centers 89
Specifications 80
Notes 91

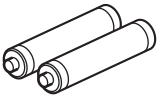
Thank you for your purchase of a JVC Color Television. Before you begin setting up your new television, please check to make sure you have all of the following items.

TV x 1

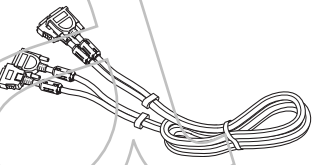
Receiver x 1



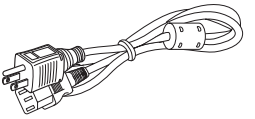
Remote control x 1

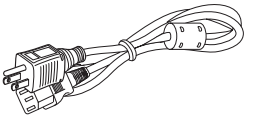


AA/R06-size batteries (used to check operation) x 2



System cable x 1



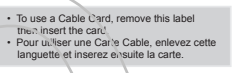


Power cord x 2

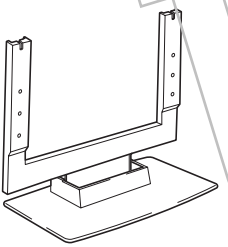
Screw (A) × 2

Screw (B) × 6

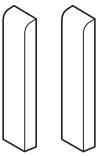
Screw (C) × 4



Cable Card Label x 1

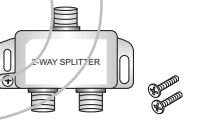


Stand × 1



Cover × 2

Cable clamp × 1



Two Way Splitter x 1

RF Cable × 2

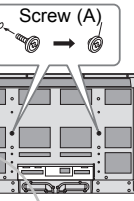
Attaching the stand to the TV

Read the following instructions and then attach the supplied stand to the TV.

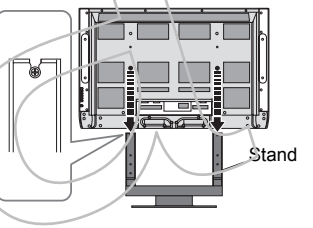
WARNING: The TV is heavy. It should always be carried by at least two people. Attempting to carry it by yourself may lead to it being dropped causing injuries and damage.

Required items: Phillips screwdriver

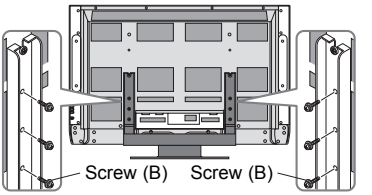
1. Attach the screws (A) to the back of the TV.



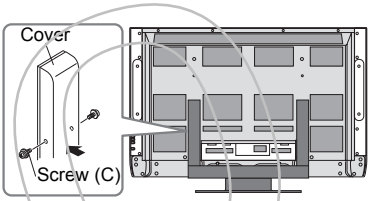
2. Attach the TV to the stand. Insert the heads of the screws (A) into the top of the stand bar and temporarily secure the TV to the stand.



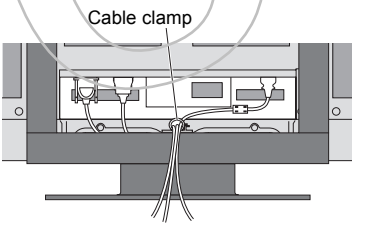
3. Secure the TV to the stand with the screws (B).



4. Insert the cover to the stand and fix with the screws (C).



5. Remove the paper from the bottom of the cable clamp and attach the cable clamp to the stand.



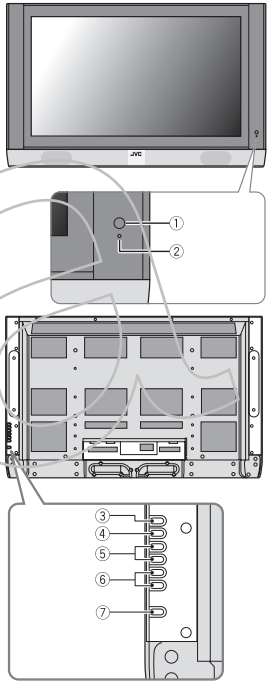
- Clamp the system cable and power cord using the cable clamp after connecting the system cable and the power cord to the TV.

Note: Before you connect your receiver to another device, please refer to the proper diagrams for your specific TV and remote.

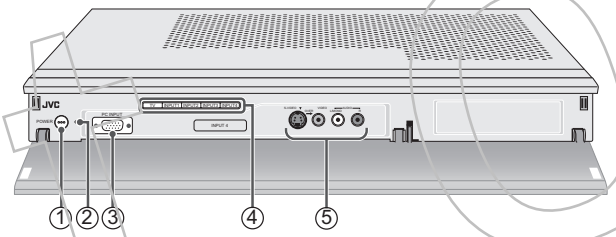
Display Front

Refer to the pages in parentheses for details.

① Remote control sensor
② Power lamp (page 16)
③ INPUT button (pages 66)
④ MENU ▼ button (page 73)
⑤ CH (Channel) -/+ buttons
⑥ VOL (Volume) -/+ buttons (page 70)
⑦ POWER button

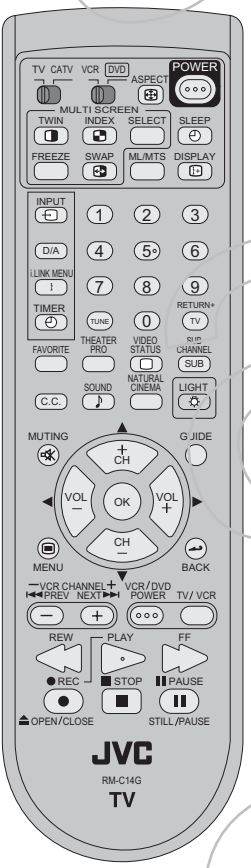


Receiver Front



Refer to the pages in parentheses for details.

① POWER button
② Power lamp
③ PC Input terminal
④ INPUT Button
⑤ INPUT-4 terminal



RM-C14G

- For information on remote control buttons, see pages 64 - 74 and 78 - 84.
- i.LINK MENU, TIMER, SUB CHANNEL, FAVORITE and GUIDE buttons are for digital channels. If your TV is connected to an ATSC antenna or Digital Cable, you can use these buttons.

Getting Started

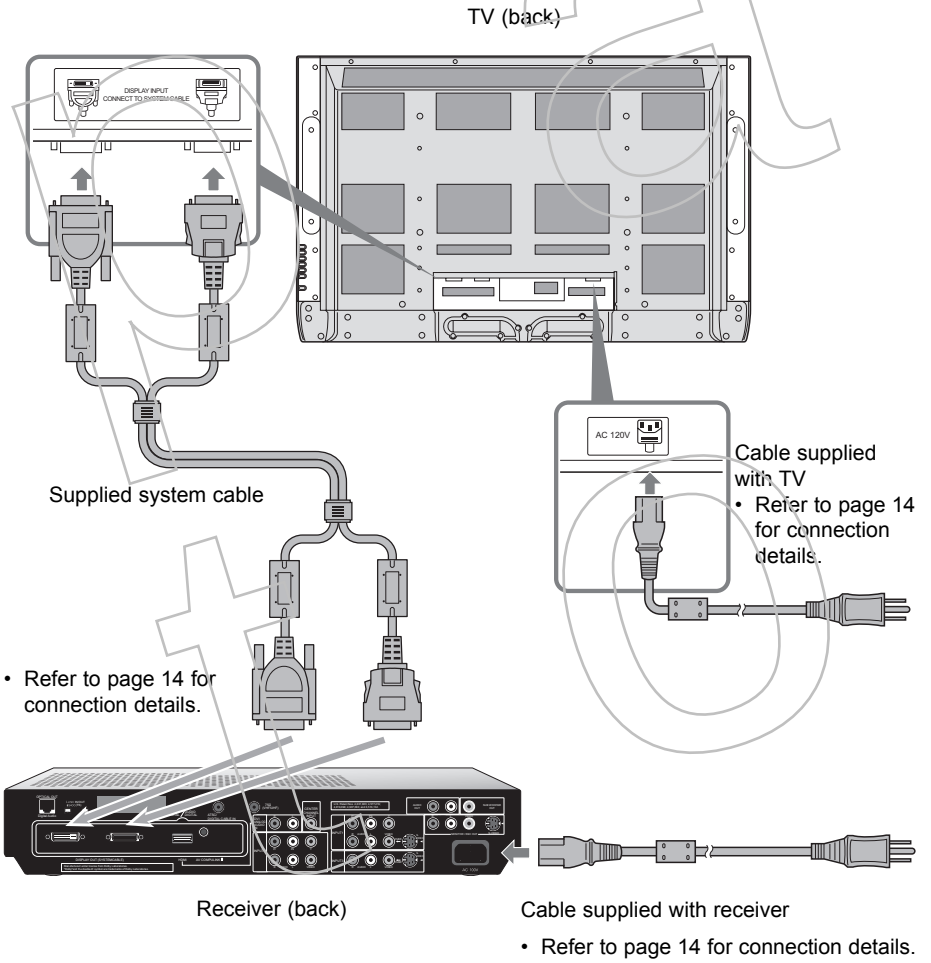
These quick setup pages will provide you, in four easy steps, with the basic information you need to begin using your new television right away.

If you have questions, or for more detailed information on any of these steps, please consult other sections of this manual.

Step 1 – Set up your TV

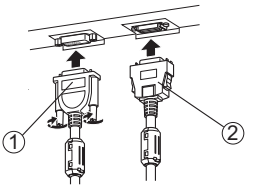
Caution

- Turn off all equipment (including the TV) before connecting anything.



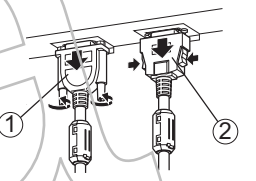
Connecting the TV and Receiver

Use the supplied system cable to connect the TV to the receiver. The two connectors are of different shapes. Ensure that the pins on connector ① are oriented correctly, press the connector into the socket, and tighten the screws at left and right to lock it in place. Press connector ② firmly into place until it is locked.



Disconnecting the system cable

Release connector ① by unscrewing the screws at left and right and removing it from the socket. Release connector ② by removing it from the socket while pressing the release bottoms on either side.

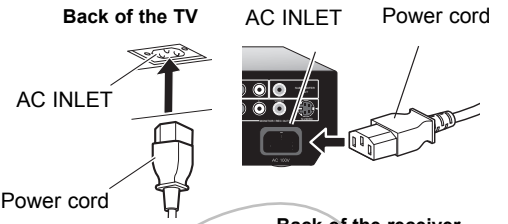


Connecting the power cord to the AC outlet

Insert the AC plugs on the power cords from the TV and receiver into AC outlets.

Caution

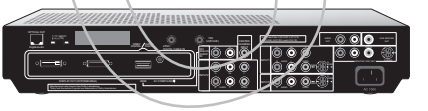
- Operate only from the power source specified (AC 120V, 60 Hz) on the unit.
- Failure to use the supplied power cord or to insert it into a correctly grounded outlet may result in electric shocks.



Use the supplied power cord which best suits the area in which you live.

Insert the AC plug into a correctly grounded outlet.

- Remove the AC plug from the outlet to completely disconnect the TV from the power supply.

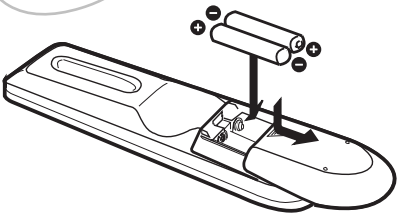


Receiver rear

Step 2 – The Remote Control

Before you can operate your remote control, you first need to install the batteries (included).

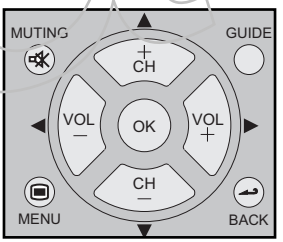
Slide the cover on the back of the remote down towards the bottom of the remote control. Insert two batteries (included) carefully noting the "+" and "–" markings, placing the "–" end in the unit first. Slide the cover back into place.



When you change the batteries, try to complete the task within three minutes. If you take longer than three minutes, the remote control codes for your VCR, DVD, and/or cable box/satellite receiver may have to be reset. See pages 33 - 36.

Key Feature Buttons

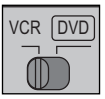
The four key feature buttons at the center of the remote can be used for basic operation of the television. The top and bottom buttons will scan forward and back through the available channels. To move rapidly through the channels using JVC's **Hyperscan** feature, press and hold CH+ or CH–. The channels will zip by at a rate of five channels per second. The right and left buttons will turn the volume up or down. These buttons are also marked with four arrows and are used with JVC's onscreen menu system. To use the onscreen menus, press the MENU button.



Basic Operation

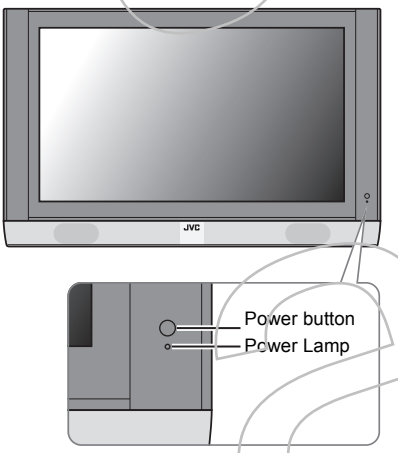
Turn the television on and off by pressing the POWER button at the top right corner of the remote. If this is the first time you are turning on the TV, the interactive plug-in menu appears.

- Make sure the TV/CATV switch is set to TV. Move the switch to CATV only if you need to operate a cable box.

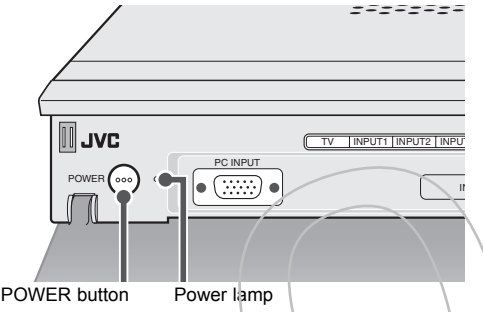


- Slide the VCR/DVD selector switch to VCR to control a VCR. Slide to DVD to control a DVD player. Please see pages 33 - 36 for instructions on programming your remote control to operate a cable box, VCR or DVD player.

Display front



Receiver front



Notes:

- When the TV is off, the TV and RECEIVER power lamps do not light. When the TV is on, the TV and RECEIVER power lamps light BLUE. However, when the POWER INDICATOR in the MENU is set to OFF, the TV power lamps do not light even when the TV is on. (Refer to "POWER INDICATOR" on page 55).
- When a REC or VIEW Timer is set, the receiver's power lamp will light RED, and the TV power lamp will light depending on the settings of the POWER INDICATOR.
- When the TV is off and you have a REC or TIMER set, the receiver will light RED and the TV power lamp will light in the LOW setting of the POWER INDICATOR menu.

Step 3 – Connecting Your Devices

To make these connections, you will use plugs like the ones illustrated below.

S-Video Cable

Used to make video connections with S-Video VCRs, Camcorders and DVD players.

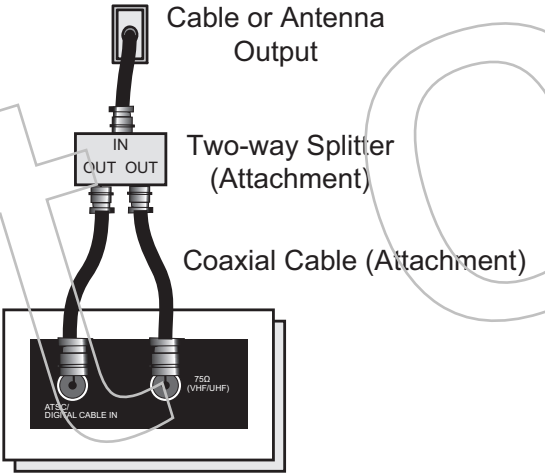
Component Cables Composite Cables Audio Cables

Used to connect audio/video devices like VCRs, DVD players, stereo amplifiers, game consoles, etc.

Notes:

- These connections are examples.
- After you are finished connecting your devices, plug the power cord into the nearest power outlet and turn on the TV.
- If you follow these diagrams and the television does not work properly, contact your local cable operator.
- To connect a DVD player, see VCR Connection. A DVD player is optional
- If you have a satellite television system, refer to the satellite TV manual.

No VCR Connection



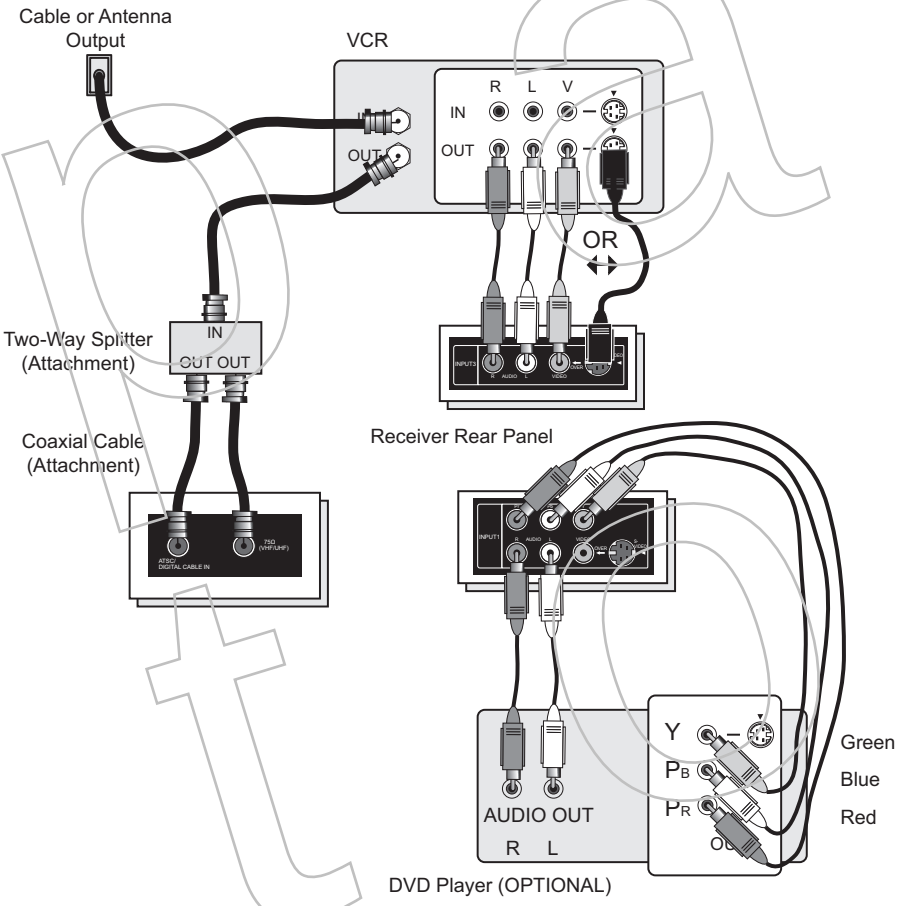
Receiver Rear Panel

VCR Connection

Notes:

- Green, blue and red are the most common colors for DVD cables. Some models may vary colors. Please consult the user's manual for your DVD player for more information.
- Be careful not to confuse the red DVD cable with the red audio cable. It is best to complete one set of connections (DVD or audio output) before starting the other to avoid accidentally switching the cables.
- You may also connect the DVD player to Input 1.

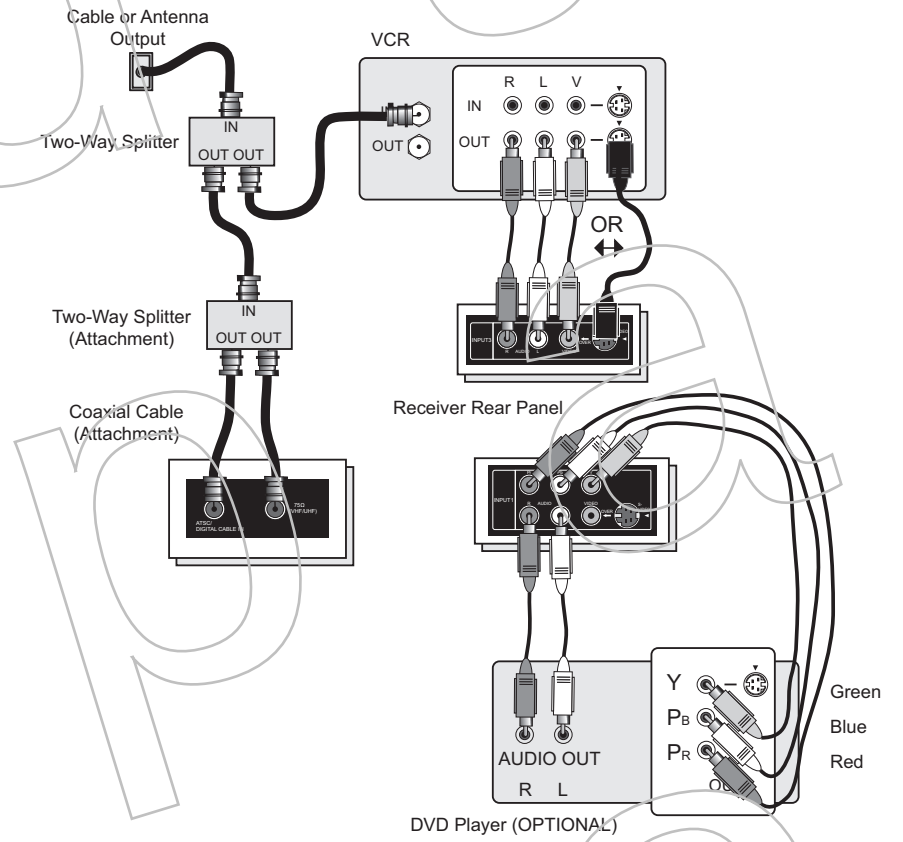
Diagram #1



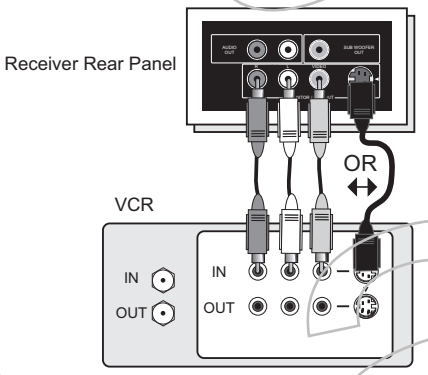
Note:

- If this connection setup does not work for you, try the connection setup on page 19.

Diagram #2


Cable or Antenna Output
VCR
R L V
IN
OUT
OUT
Two-Way Splitter
IN
OUT OUT
OR
Two-Way Splitter (Attachment)
IN
OUT OUT
Coaxial Cable (Attachment)
Receiver Rear Panel
Y
PB
PR
Green
Blue
Red
AUDIO OUT
R L
DVD Player (OPTIONAL)

Connecting to Monitor/Recording Output Terminal



Notes:

- When you make this connection, set the Video-1 Monitor Out menu to ON. See page 55.
- If you are receiving ATSC/Digital Cable signal, it can be outputted to the S-Video output terminal or Video (composite video) terminal.
- If you are receiving Analog TV signal, it can not be outputted to the S-Video output terminal.
- No signal will be outputted through the S-Video output terminal when you are not viewing images coming from the composite video input terminal.
- No signal will be outputted through the Monitor/Recording output terminal when you are viewing images from the component video input.

Connecting to JVC AV Compu Link

JVC's AV CompuLink feature makes playing video tapes or DVDs totally automatic. Simply insert a pre-recorded tape into your JVC brand VCR or DVD into your JVC DVD player and the device will automatically turn on and begin playback. At the same time, using the AV CompuLink, the VCR or DVD player sends a signal to the television telling it to turn on and switch to the proper video input.

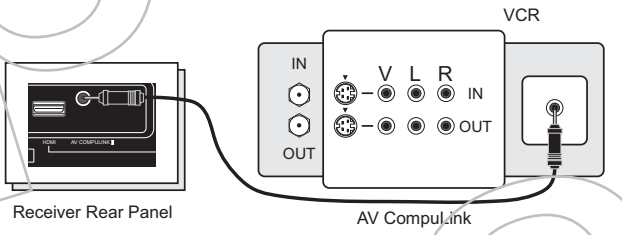
- The AV CompuLink cable may be included with the JVC AV CompuLink unit you wish to connect. If it is not, contact JVC Parts Department at (800)-882-2345, or www.jvcservice.com for part # EWP 805-012.
- AV CompuLink can only be used with JVC brand products.

AV CompuLink Cable

To Connect: Plug one end of the AV compu link cable into the AV COMPU LINK INPUT on your VCR, DVD, or other compu link device. Plug the other end of the AV compu link cable into the AV COMPU LINK at the rear of the receiver.

Note:

- The AV compu link cable has a male 3.5 mm (mono) plug on each end.

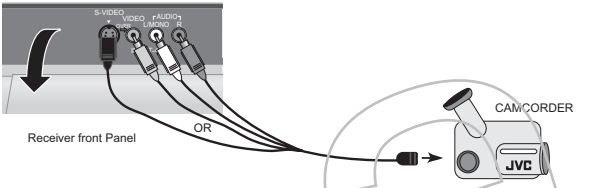


Notes:

- In order for the VCR playback to begin automatically, the recording tabs must be removed from the VHS tape. If the tab is in place, automatic switching will occur when you push the VCR's PLAY button.
- If your JVC brand VCR has "A code/B code remote control switching" (see your VCR's instruction book), using VCR A code will switch the TV to input 1.
- Refer to your DVD instruction book for detailed connection information.
- To connect a JVC HiFi receiver or amplifier for a completely automated home theater, see the receiver connection instructions for detailed connection information.
- AV CompuLink is compatible with select AV CompuLink receivers.

Connecting to a Camcorder

You may connect a camcorder, game console or other equipment to your television by using the front input jacks (Input 4) located under the front panel door. To access, pull on the door to open it. You can also connect these using the television's rear input jacks, using the same instructions.



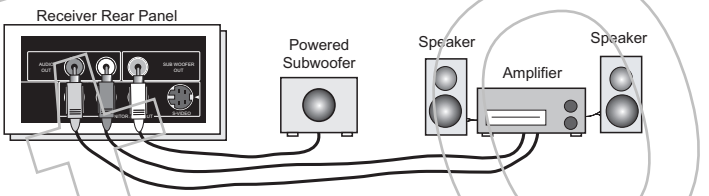
1) Connect a yellow composite cable from the camcorder VIDEO OUT, into the VIDEO IN on the front of the receiver, OR connect an S-Video cable from the front of the receiver to the camcorder.
2) Connect a white composite cable from the camcorder LEFT AUDIO OUT, into the LEFT AUDIO IN on the front of the receiver.
3) Connect a red composite cable from the camcorder RIGHT AUDIO OUT, into the RIGHT AUDIO IN on the front of the receiver.

Note:

- If your camcorder is a mono sound model it will have only one AUDIO OUT. Connect it to the LEFT AUDIO IN on the front of the receiver.

Connecting to an External Amplifier

Subwoofer Out - Use a powered subwoofer with the surround feature to simulate a home theater system. Simply connect the subwoofer to the back of the receiver.



1) Connect a white composite cable from the LEFT AUDIO OUTPUT on the back of the receiver to the LEFT AUDIO INPUT on the amplifier.
2) Connect a red composite cable from the RIGHT AUDIO OUTPUT on the back of the receiver to the RIGHT AUDIO INPUT on the amplifier.
3) Connect a black composite cable from the SUBWOOFER OUT on the back of the receiver to the LINE INPUT of the subwoofer.

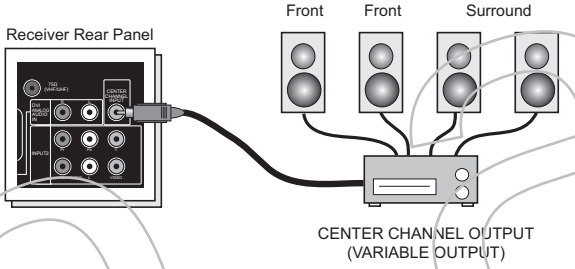
Notes:

- Refer to your amplifier's manual for more information.
- You can use AUDIO OUTPUT for your home theater system.

Connecting to the Surround Amplifier

In multi-channel sound such as 5.1 channel, the speech characters are played back from the center speaker.

A center speaker in a movie theater is set in back of the screen so it can recreate a conversation scene in the movie more naturally. By using your TV's speaker as the center speaker, you can obtain the same sound effect as in a movie theater in you home theater sound system.



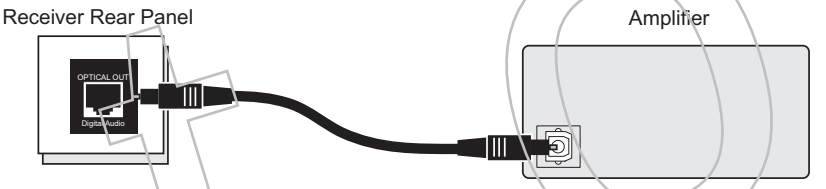
1) Connect the Pin cable from the TV's CENTER CHANNEL INPUT terminal to the surround amplifier's CENTER CHANNEL OUTPUT terminal.

Note:

- Please read the benefit of this feature on page 57.

Connecting to an amplifier using your optical output

You can connect an amplifier that has an optical digital input terminal by using an optical digital cable from the optical output. The signal that is output can be PCM or Dolby Digital.



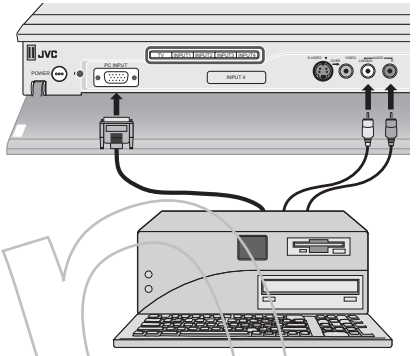
1) Connect the optical cable from the back of the receiver to the back of the amplifier.

Notes:

- This terminal can only output digital audio.
- In order to use the optical output connection, select PCM or Dolby Digital on Digital Sound in the Digital Setup Menu. See page 76.
- Refer to your owners manual on using your amplifier.

Connecting to the computer

This TV can be used as a computer screen. Use a commercially available D-SUB cable to connect the TV's PC INPUT terminal to the computer's analog RGB output terminal. If you want to listen to the sound from the computer, use a commercially available RCA cable to connect the INPUT-4 audio input terminal to the computer's audio output terminal. When the sound from the computer is mono, connect to the L/MONO of INPUT-4.



Notes:

- Refer to your computer manual for a detailed explanation of the connections concerning your computer.
- Make sure that the connectors are facing the correct way when connecting.
- After connecting, tighten the two screws to fix the connectors in place.

Looking at the images from a computer

After starting the computer, press the INPUT button to choose INPUT-4. You can listen to the sound when the sound from the computer is connected to the INPUT-4 AUDIO input terminal.

Notes:

- When the sound from the computer is connected to INPUT-4 by choosing external input INPUT-4, the sound from the computer can be listened to, but the images from the computer cannot be seen.

Table of signals for each type of computer

Resolution	Vertical Frequency (Hz)	Horizontal Frequency (kHz)
640 x 480 (VGA)	60.0	31.5
1024 x 768 (XGA)	60.0	48.4

- Only the above formats are supported.
- Even with the above formats at 60 Hz, some problems may be experienced depending on the quality of the synchronous signal. (Depending on the quality, some pictures may not be displayed correctly).
- Apple Macintosh* computers are not supported.

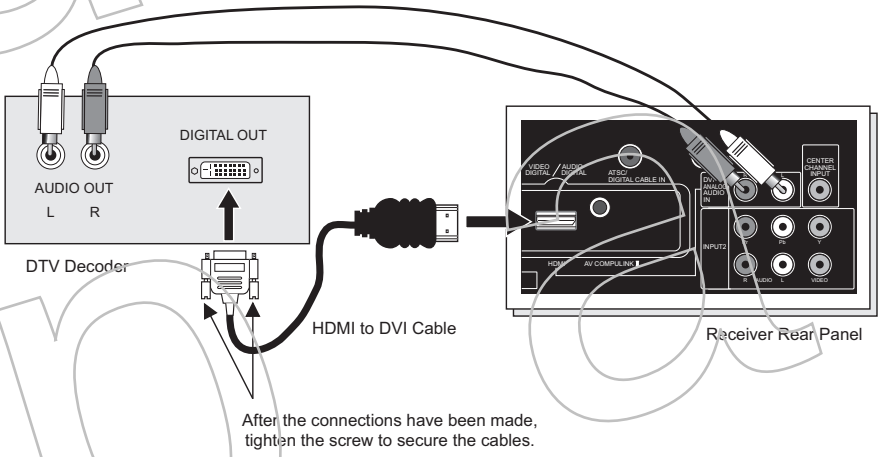
When a picture is not displayed

With some computers, some problems can be solved by changing the settings. Check the computer's refresh rate and set it to 60Hz. Computers that cannot set the refresh rate to 60 Hz, can not be used with this TV. Refer to the computer's instruction manual.

*Apple Macintosh is a registered trademark of Apple Computer, Inc.

Connecting to a Digital TV Receiver

By connecting a Digital TV Receiver, high definition pictures can be displayed on your TV in their digital form.



1) Connect the HDMI to DVI Cable from the DIGITAL OUT on the back of your DTV decoder, to the DIGITAL-IN on the back of your receiver.
2) Connect a red cable from the DTV decoder RIGHT AUDIO OUT, to the RIGHT AUDIO DIGITAL-IN on the back of your receiver.
3) Connect a white cable from the DTV decoder LEFT AUDIO OUT, to the LEFT AUDIO DIGITAL-IN on the back of your receiver.

- The digital-in terminal is not compatible with the picture signal of a personal computer.
- Use a HDMI to DVI cable (commercially available) in order to digitally connect the television with a DTV decoder.

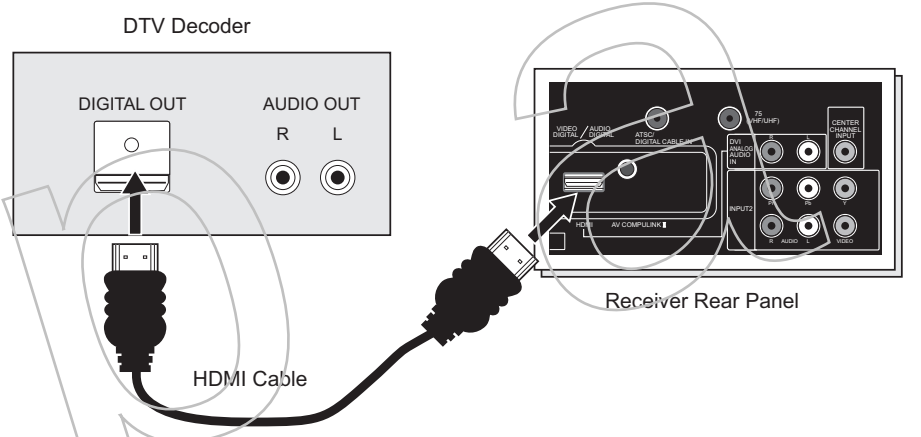
Notes:

- If 480p signals (640x480 or 720x480) are displayed on the screen, the horizontal balance may be slightly shifted. Access the “DIGITAL-IN” in the initial setup menu to adjust it. (Refer to page 56.)
- When you do the above connection, set DIGITAL-IN AUDIO in the initial Setup menu to ANALOG. See "DIGITAL-IN AUDIO", page 57.

Connecting to an HDMI Compatible Device

By connecting an HDMI compatible device, high definition pictures can be displayed on your TV in their digital form. Some HDMI devices can include DVD players, D-VHS or any HDMI compatible devices.

HDMI (High Definition Multimedia Interface) is the first industry supported, uncompressed, all digital audio/video interface. HDMI provides and interface between any audio/video source, such as a set-top box, DVD player, A/V receiver or an audio and/or video monitor, such as a digital television (DTV).



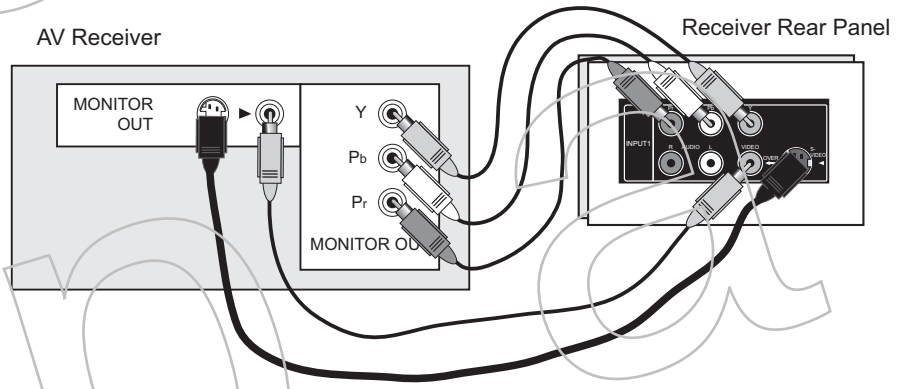
1) Connect the HDMI Cable from the DIGITAL OUT on the back of your DTV or HDMI device, to the DIGITAL-IN on the back of your television.

Notes:

- When you do the above connection, set DIGITAL-IN AUDIO in the Initial Setup menu to DIGITAL. See "DIGITAL-IN AUDIO", page 57.
- Some decoders may not respond depending on the equipment that you have connected when it is connected to the HDMI.

Connecting to an AV Receiver using your television's V1 Smart Input

By connecting your AV Receiver to your television's V1 Smart Input, you can watch picture sources from many different devices, without having to change or use the other input connections on your TV. This allows you to free up the other input connections so you can connect more devices to your television.



1) Connect an S-Video Cable from the AV Receiver's MONITOR OUT, to the S-Video INPUT-1 on the back of your receiver.
2) Connect a Yellow Component Cable from the AV Receiver's MONITOR OUT, into the VIDEO INPUT-1 on the back of your receiver.
3) Connect a Green Component Cable from the AV Receiver's Y MONITOR OUT, into the Y VIDEO INPUT-1 on the back of your receiver.
4) Connect a Blue Component Cable from the AV Receiver's Pb MONITOR OUT, into the Pb VIDEO INPUT-1 on the back of your receiver.
5) Connect a Red Component Cable from the AV Receiver's Pr MONITOR OUT, into the Pr VIDEO INPUT-1 on the back of your receiver.

Notes:

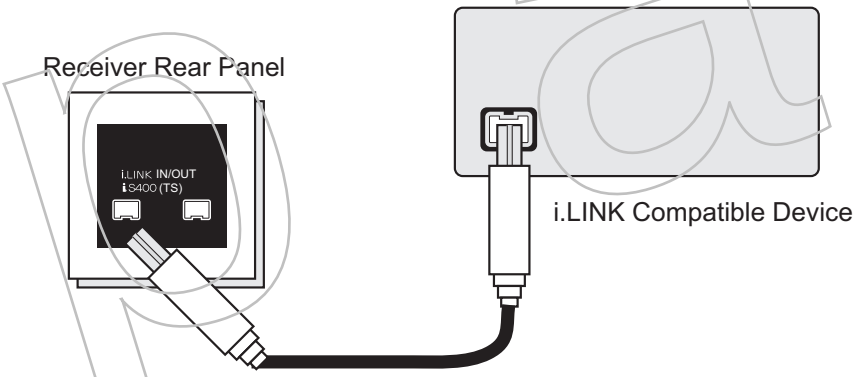
- Please refer to your AV Receiver instruction manual for more information on connecting your speakers and other devices like a DVD player.
- Use your AV Receiver's remote to switch to the diferent devices you have connected.
- Some AV Receiver's may not respond when the V1 Smart Input funcion is turned on.
- If you have video connections for each input device connected to your AV Receiver, you should not connect them using both S-Video and Composite connection at the same time when you are using V1 input as the V1 Smart Input. In this case we recommend using the S-Video connection.

Connecting an i.LINK compatible device to the back of your television

i.LINK is a digital serial interface that allows devices equipped with an i.LINK connector to exchange digital video signals, digital audio signals and device control signals bi-directionally over a single cable. (For example, a JVC D-VHS VCR).

i.LINK refers to the IEEE1394-1995 industry specification and extensions thereof. The i logo is used for products compliant with the i.LINK standard.

This projection television uses a four-pin i.LINK connector to input and output MPEG2 video signals, audio signals and control signals.



1) Connect the i.LINK cable from the back of the receiver to the back of the i.LINK compatible device.

Notes:

- Use only the S400 i.LINK cable when connection your devices.
- See page 80 on how to select the i.LINK device.
- Refer to your owners manual on using your i.LINK device.
- When recording or playing back video with an i.LINK device, if you perform the Auto Tuner Setup, the video signal you are recording or playing back may stop or you may not be able to perform the Digital Auto Tuner Setup.
- Your television can connect with i.LINK D-VHS decks and HD-Camcorders (JVC brand only). If you connect other brand devices, with i.LINK cable, they will not work.
- It can play only the recorded contents in Digital Mode.
- Use only tapes bearing the DVHS (SVHS) mark for recording.

Step 4 – The Interactive Plug In Menu

When you turn your television on for the first time the interactive plug-in menu will appear. The plug-in menu helps you to get your TV ready to use by letting you set your preferences for:

- The language in which you want the onscreen menus to appear.
- Setting the TV's clock to the correct time so your timer functions will work properly. You can choose "AUTO" or "MANUAL" for setting the clock.
- The auto tuner setup of which channels you wish to receive.

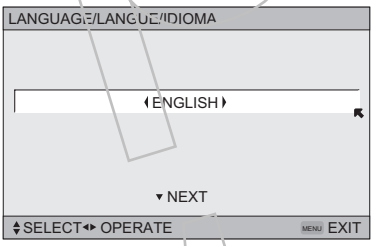
We recommend you complete the interactive plug-in items before you start using your television.

Notes:

- The interactive plug-in menu setting does not appear if your TV has been turned on before. In this case use the onscreen menus to perform these settings. See pages 49, 62 and 40.
- If you press the Menu button while setting up the interactive plug-in menu, it will skip over it.

Language

After the "JVC INTERACTIVE PLUG IN MENU" has been displayed, the TV automatically switches to the LANGUAGE settings. You can choose to view your onscreen menus in three languages: English, French (Français) or Spanish (Español).



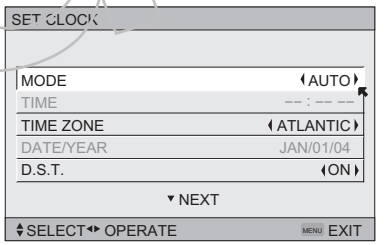
◀▶ To choose a language:
(English, Français or Español)

▼ To NEXT (To set clock)

(To be continued...)

Auto Clock Set

Before you use any of your TV's timer functions, you must first set the clock. You may precisely set your clock using the XDS time signal broadcast by most public analog broadcasting stations. If you do not have this in your area, you will have to set the clock manually. See manual clock set below. To set the clock using the XDS signal:



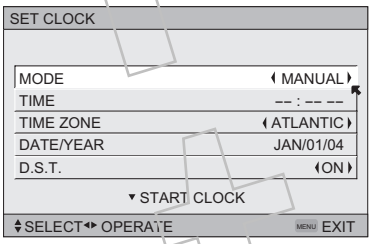
◀▶ To choose AUTO
▼ To TIME ZONE
◀▶ To select your time zone: (Atlantic, Eastern, Central, Mountain, Pacific, Alaska or Hawaii)
▼ To move to D.S.T. (Daylight Savings Time)
◀▶ To turn D.S.T. ON or OFF
▼ To NEXT (To Auto Tuner Setup)

Notes:

- D.S.T. can be used when it is set to ON in the SET CLOCK menu.
- Only when the MODE is set to AUTO, the Daylight Savings Time feature automatically adjusts your TV's clock for Daylight Savings. The clock will move forward one hour at 2:00 am on the first Sunday in April. The clock will move back one hour at 2:00 am on the last Sunday in October.
- You will have to reset the clock after a power interruption. You must set the clock before operating any timer functions.

Manual Clock Set

To set your clock manually (without using the XDS signal), choose MANUAL. If you choose AUTO, see auto clock set above.



◀▶ To choose MANUAL
▼ To TIME
◀▶ To set the hour
▼ To minute
◀▶ To set the minute
▼ To TIME ZONE
◀▶ To select your time zone: (Atlantic, Eastern, Central, Mountain, Pacific, Alaska or Hawaii)
▼ To DATE/YEAR
◀▶ To set the month
▼ To day
◀▶ To set the day
▼ To year
◀▶ To set the year
▼ To move to D.S.T. (Daylight Savings Time)
◀▶ To turn D.S.T. ON or OFF
▼ To START CLOCK

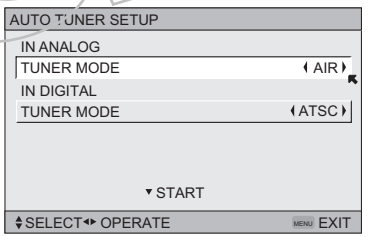
Note:

- You will have to reset the clock after a power interruption. You must set the clock before operating any timer functions.

(To be continued...)

Auto Tuner Setup

In auto tuner setup, the TV automatically scans through all available channels, memorizing the active ones and skipping over blank ones or channels with weak signals. This means when you scan (using the CHANNEL +/– buttons) you will receive only clear, active channels. There are two tuner modes to choose from, ANALOG or DIGITAL.



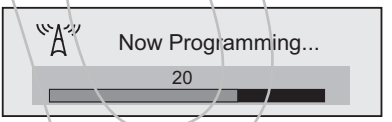
◀▶ To choose CABLE or AIR (or SKIP when you skip Analog Auto Tuner Setup)

▲▼ To TUNER MODE (IN DIGITAL)

◀▶ To choose ATSC or Digital Cable (or SKIP when you skip Digital Auto Tuner Setup)

▼ To START

After Analog Auto Tuner Setup is finished, Digital Auto Tuner Setup starts.



When the setup is finished, "THANK YOU ! SETUP IS NOW COMPLETE" is displayed. Your quick setup is now complete. You can now begin watching your television, or you can continue on in this guide for more information on programming your remote control, or using the JVC onscreen menu system to customize your television viewing experience.

Notes:

- If you want to cancel the Auto Tuner Setup, press the MENU button.
- Noise muting will not work during Auto Tuner Setup.
- If you choose SKIP, it finished without doing the Auto Tuner Setup.

Cable Box and Satellite Users: After your auto tuner setup is complete, you may, (depending on the type of hookup), have only 1 channel, usually 3 or 4 in the auto tuner memory. This is normal.

The Quick Setup is complete

Remote Programming

Setting the CATV, VCR and DVD Codes

You can program your remote to operate your cable box, satellite receiver, VCR or DVD player by using the instructions and codes listed below. If the equipment does not respond to any of the codes listed below or to the code search function, use the remote control supplied by the manufacturer.

Cable Box or Satellite Codes

The remote control is programmed with cable box and satellite codes for power on/off, channel up/down, and 10 key operation.

1) Find the cable box or satellite brand from the list of codes shown below.
2) Slide the 2-way selector switch to “CATV”.
3) Press and hold down the DISPLAY button, then enter the first code number listed with the 10 key pad.
4) Release the DISPLAY button, and confirm the operation of the cable box/satellite receiver.

• If your cable or satellite box does not respond to the first code, try the others listed. If it does not respond to any code, try the search codes function, on page 36.

Cable Box	Codes
ABC	024
Archer	032, 025
Cableview	051, 032
Citizen	022, 051
Curtis	058, 059
Diamond	024, 032, 025
Eagle	029
Eastern	034
GC Brand	032, 051
Gemini	022, 043
General Instrument/Jerrold	065, 024, 025, 026, 027, 020, 021, 022, 057, 023, 072, 074
Hamlin	040, 041, 042, 045, 058, 064
Hitachi	049, 024
Macom	049, 050, 051, 054
Magnavox	033
Memorex	030
Movietime	032, 051
Oak	039, 037, 048
Panasonic	055, 056, 060, 071, 073
Paragon	063
Philips	028, 029, 030, 052, 053, 031, 069
Pioneer	047, 062
Pulsar	051, 032

Cable Box	Codes
Puser	032
RCA	061, 070
Realistic	032
Regal	058, 064, 040, 041, 042, 045, 068
Regency	034
Rembrandt	037, 032, 051, 038
Samsung	051
Scientific Atlanta	057, 058, 059
SLMark	051, 047
Sprucer	051, 056
Stargate	032, 051
Telecaption	067
Teleview	047, 051
Texscan	044
Tocom	035, 036, 066, 074
Toshiba	050, 048
Unika	032, 025
Universal	022, 032
Videoway	052
Viewstar	029, 030
Zenith	063, 046
Zenith/Drake Satellite	046

Digital Satellite Systems	Codes
Echostar (Dish Network)	100, 113, 114, 115
Express VU	100, 113
G.E.	106
G.I.	108, 120, 121, 122
Gradiente	112
Hitachi	104, 111
HNS (Hughes)	104
Magnavox	102, 103
Panasonic	105
Philips	102, 103, 116
Primestar	108
Proscan	106, 109, 110
RCA	106, 109, 110
Sony	107
Star Choice	104, 108
Toshiba	101, 104, 117, 118, 119
Uniden	102, 103

Remote Programming

VCR Codes

The remote control is programmed with VCR codes for power on/off, play, stop, fast-forward, rewind, pause, record, channel up/down operation.

1) Find the VCR brand from the list of codes shown below.
2) Slide the first 2-way selector switch to “TV” and the other 2-way selector switch to “VCR”.
3) Press and hold down the DISPLAY button, then enter the first code number listed with the 10 key pad.
4) Release the DISPLAY button, and confirm the operation of the VCR.

- If your VCR does not respond to the first code, try the others listed. If it does not respond to any of the codes, try the search codes function on page 36.
- After you program your remote, some VCR buttons may not work properly. If so, use the VCR’s remote.
- To record, hold down the REC button on the remote and press PLAY.

VCR	Codes
Admiral	035
Aiwa	027, 032, 095
Akai	029, 072, 073, 074
Audio Dynamic	003, 005
Bell & Howell	063, 071
Broksonic	020, 026, 094
Canon	023, 025
CCE	043
Citizen	064
Craig	063, 029, 064
Curtis Mathes	045, 024, 027, 093
Daewoo	043, 059, 024, 092
DBX	003, 004, 005
Dimensia	045, 093
Emerson	043, 026, 077, 061, 025, 042, 020, 076
Fisher	063, 066, 067, 065, 071, 091
Funai	027, 026, 020, 000
G.E.	033, 045, 024
Go Video	037, 051, 049, 050, 089
Goldstar	064
Gradiente	033, 084, 081, 000, 001
Hitachi	023, 045, 058, 093, 027, 081
Instant Replay	024, 023
Jensen	003
JVC	003, 004, 005, 000, 001, 002, 006, 007
Kenwood	003, 004, 064, 005
LG	064
LXI	027, 064, 058, 065, 066, 063, 067
Magnavox	031, 023, 024, 086
Marantz	003, 004, 005
Marta	064
Memorex	024, 067
MGA	038, 040, 047 048, 041, 042
Minolta	058, 045, 093
Mitsubishi	038, 040, 047, 048, 041, 042, 078, 090
Multitech	047, 027, 062
NEC	003, 004, 005, 000
Olympic	024, 023
Optimus	028, 021, 035, 064
Orion	026, 020
Panasonic	023, 024, 021, 022
Penney	024, 058, 045, 063, 003, 004, 005, 093
Pentax	058, 005, 045, 093
Philco	031, 024, 027, 023, 026, 020, 043
Philips	031, 023, 024, 086
Pioneer	023
Proscan	045, 058, 023, 024, 031, 046, 059, 060, 093, 033, 087
Quasar	021, 022, 023, 024
Radio Shack	033, 024, 063, 036, 067, 040, 027
RCA	033, 045, 058, 023, 024, 031, 046, 059, 060, 083, 084, 085, 087, 093, 096
Realistic	024, 063, 036, 067, 040, 027
Samsung	037, 060, 062, 033, 089
Samtron	089
Sansui	003, 026, 020, 052
Sanyo	063, 067, 091, 071
Scott	059, 060, 062, 067, 038, 040, 047, 048, 026, 020
Sears	063, 064, 065, 066, 058
Sharp	035, 036, 080, 088
Shintom	075
Signature 2000	027, 035
Singer	075
Sony	028, 029, 030, 033, 034, 055
SV 2000	027
Sylvania	031, 023, 024, 027
Symphonic	027, 081
Tashiro	064
Tatung	003, 004, 005
Teac	003, 004, 027, 005
Technics	021, 022, 023, 024
Teknika	024, 027, 070
Thomson	033, 096
Toshiba	059, 046, 079
Vector Research	005
Wards	035, 036, 067, 044, 064
Yamaha	063, 003, 004, 005
Zenith	044, 082, 064, 094

Remote Programming

DVD Codes

The remote control is programmed with DVD codes for power on/off, play, stop, fast-forward, rewind, previous/next chapter, tray open/close, and still/pause operation.

1) Find the DVD player brand from the list of codes shown below.
2) Slide the first 2-way selector switch to “TV” and the other 2-way selector switch to “DVD”.
3) Press and hold down the DISPLAY button, then enter the first code number listed with the 10 key pad.
4) Release the DISPLAY button, and confirm the operation of the DVD player.

- If your DVD player does not respond to the first code, try the others listed. If it does not respond to any of the codes, try the search codes function on page 36.
- After you program your remote, some DVD buttons may not work properly. If so, use the DVD player’s remote.

DVD Player	Codes	DVD Player	Codes	DVD Player	Codes
Aiwa	043	Mintek	057	Sharp	028
Apex	040, 054, 055	Mitsubishi	025	Silvania	038
Bose	058	Next Base	056	SMC	048
Denon	020, 037	Onkyo	041, 052	Sony	024, 045, 046, 047
Funai	038	Oritron	044	Technics	020
Go–Video	032	Panasonic	020	Thomson	021
Harman Kardon	053	Philips	023, 036	Toshiba	023
Hitachi	031	Pioneer	022	Venturer	051
JVC	000	Polk Audio	036	Vialta	050
Kenwood	035, 020	Raite	033	Wave	042
KLH	051	RCA	021, 026	Yamaha	020, 049
Konka	039	Sampo	034	Zenith	027, 032
Koss	050	Samsung	030		

Remote Programming

Search Codes

Cable/Satellite Search Codes Function

1) Slide the first 2-Way Mode Selector switch to CATV.
2) Press the POWER and RETURN+/TV buttons. Hold for at least three seconds and release.
3) Press the POWER button on the remote, and see if the cable or satellite box responds.
4) If there was a response, press RETURN+/TV. The codes are now set. If there was no response, repeat Step 3. If you repeat Step 3 a total of 80 times without a response, use the remote control that came with your equipment.
5) Press RETURN+/TV to exit.

VCR/DVD Search Codes Function

1) Slide the first 2-way selector switch to “TV” and the other 2-way selector switch to “VCR” or “DVD”.
2) Press the VCR or DVD POWER and RETURN+/TV buttons. Hold for at least three seconds and release.
3) Press the VCR or DVD POWER button, and see if the VCR or DVD responds.
4) If there was a response, press RETURN+/TV. The codes are now set. If there was no response, repeat Step 3. If you repeat Step 3 a total of 80 times for the VCR (40 times for the DVD player), and there is no response, use the remote control that came with your equipment.
5) Press RETURN+/TV to exit.

Onscreen Menus

Using the Guide

Certain symbols are used throughout this guide to help you learn about the features of your new television. The ones you will see most frequently are:

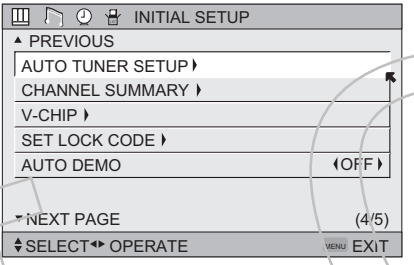
▲▼ Up and Down arrows mean press the CH+ or CH– buttons. Pressing the CH+ or CH– buttons let you:
- Move vertically in a main menu screen
- Move through a submenu screen
- Move to the next letter, number, or other choice in a submenu
- Back up to correct an error
- Scan through TV channels (when not in a menu screen)

◀▶ Left and right arrows mean press the VOLUME+ or VOLUME- buttons to move left or right to:
- Select a highlighted menu item
- Select an item in a submenu
- Select numbers in certain menu options
- Turn the volume up or down (when not in a menu screen)

The "press button" icon means you should press the button named on your remote control. (Button names appear in SMALL CAPITAL LETTERS.)

The "helping arrow" icon points to the highlighted or selected item in a menu.

To bring up the onscreen menu, press the MENU button on the remote control. The item that appears in green is the one currently selected. If you use the Menu button on the TV's front panel instead of the remote, an additional menu screen showing INPUT, VIDEO STATUS and ASPECT will appear between INITIAL SETUP and PICTURE ADJUST. The "interactive plug-in menu" will appear the first time the TV is plugged in.



Note:

- Menus shown in this book are illustrations, not exact replications of the television's onscreen displays.

Onscreen Menus

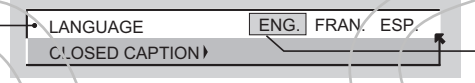
The Onscreen Menu System

Your television comes with JVC's onscreen menu system. The onscreen menus let you make adjustments to your television's operation simply and quickly. Examples of the onscreen menus are shown on the next page. Detailed explanations on using each menu follow later in this guide. For information about the interactive plug-in Menu, see pages 30 - 32.

The Onscreen Menu System

To open the onscreen menu system, press the MENU button on the remote control. You navigate within the onscreen menus by using the four directional arrow buttons on the remote control. (These buttons are also the CH +/– and VOL +/– buttons. Channel and volume functions will not operate when the onscreen menu is active).

The selected feature and option on a menu screen are highlighted in a different color.



To move to a different feature use the ▲▼ arrows to move up or down the list. When you press the up arrow at the top of the list or the down arrow at the bottom, the next menu screen will appear. Use the arrows ◄► to select an option from the highlighted feature. Pressing MENU on the remote control will close the onscreen menu system and return you to normal television viewing.

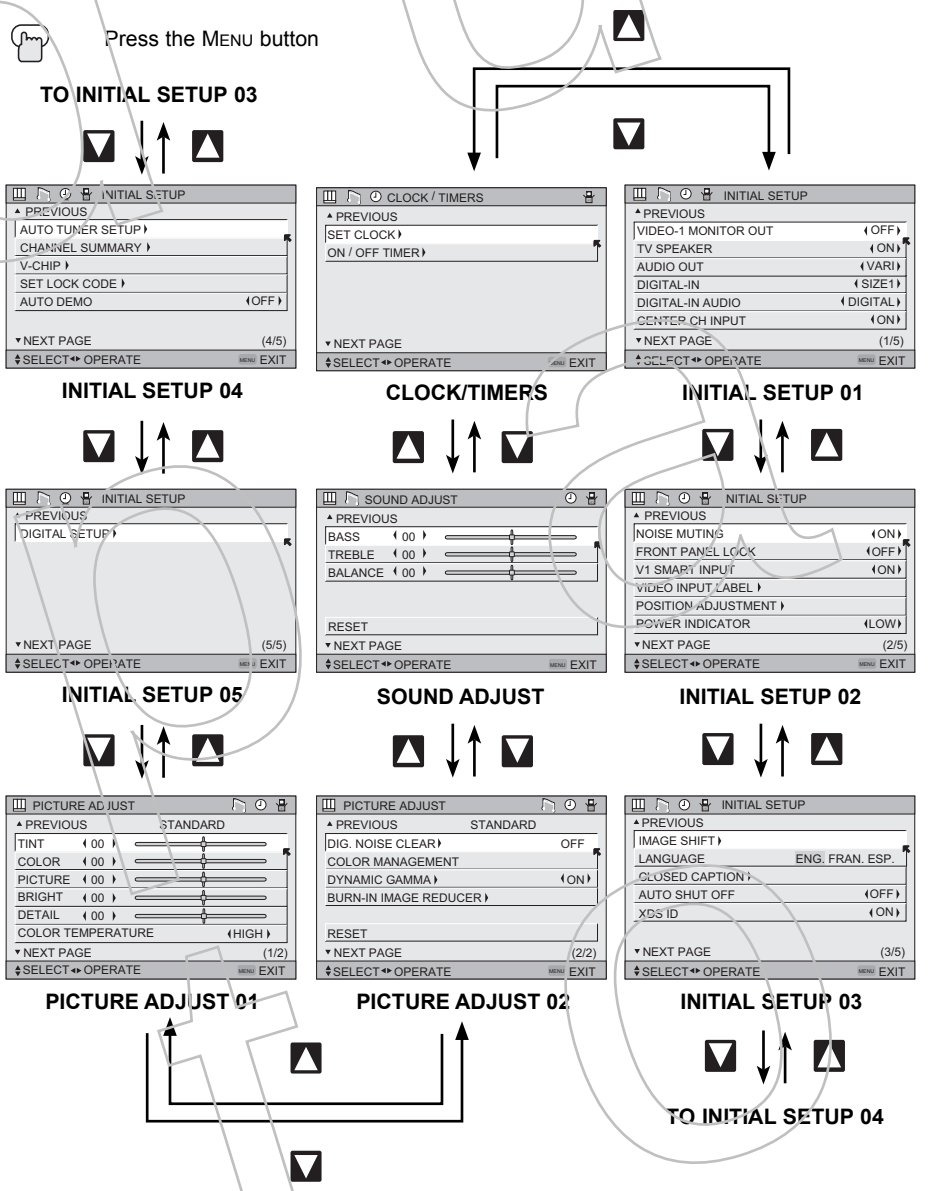
Each menu and its features will be discussed in the following pages of this guide.

Notes:

- If you do not press any buttons for about a minute, the onscreen menu will automatically shut off.
- Button names in this guide are shown in SMALL CAPITAL LETTERS.
- Menus may appear in different sizes onscreen depending on the aspect ratio selected.
- Some menu items may not appear in menu screens when certain aspect ratios or inputs are selected.

Onscreen Menus

Press the MENU button



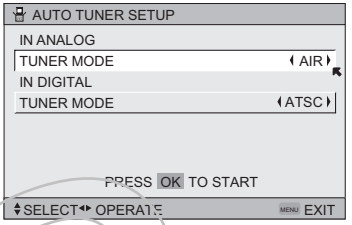
Notes:

- The DIGITAL-IN menu can only be displayed when a 480p picture signal is input to the digital-in terminal and the picture is being displayed on the screen.
- When the Menu button on the TV side panel is pressed, the FRONT PANEL CONTROL menu between INITIAL SETUP 05 and PICTURE ADJUST 01 will appear.
- Regarding the digital setup menu, see page 75.

Initial Setup

Auto Tuner Setup

The auto tuner setup function is described on page 32 as the interactive plug-in menu. If you need to run the auto tuner setup again, follow the steps below.



Press the MENU button

▲▼ To AUTO TUNER SETUP

◀▶ To operate

▲▼ To TUNER MODE (IN ANALOG)

◀▶ To choose CABLE, AIR or SKIP

▲▼ To TUNER MODE (IN DIGITAL)

◀▶ To choose ATSC, DIGITAL CABLE or SKIP

Press the OK button to start

Programming will take approximately 2 to 4 minutes. The auto tuner is finished when the message **PROGRAMMING OVER!** appears onscreen.

Press the Menu button when finished

Channel Summary

Channel summary allows you to customize the line-up of channels received by your TV. Regarding analog channels, you can add or delete channels from the line-up or prevent any unauthorized viewers from watching any or all 191 channels. Regarding digital channels, the only channels that will appear are the ones that are broadcasting.

Press the MENU button

▲▼ To CHANNEL SUMMARY

◀▶ To operate

The Channel summary screen will now be displayed with the channels set to scan marked with an "√". Regarding analog channels, you can delete channels from the scan by removing the "√". If any channels were missed during auto tuner setup and you wish to add them, you may by placing an "√" next to the channel number.

- Digital channels can not be added to the channel summary if the auto tuner setup did not find them.

▲▼ ◀▶ To the SCAN column

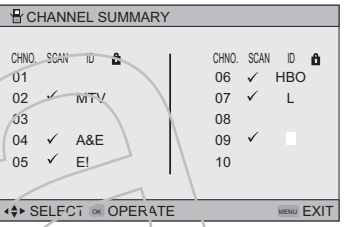
Press the OK button to include or delete from scan

Press the MENU button when finished

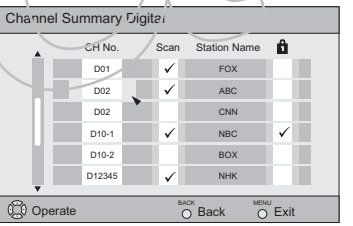
Note:

- The number of a digital channel may change, depending on the time of some broadcastings. If this channel existed and now had disappeared, the lock channel or scanned channel by the channel summary for that channel will be cancelled.

Analog Channels



Digital Channels

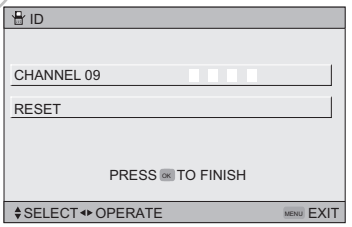


Note:

- When the Cable Card is not inserted into the Cabe Card Slot:
  If you are watching analog channels, the above screen appears.
  If you are watching digital channels, the below screen appears.
- When the Cable Card is inserted into the Cabe Card Slot:
  Below screen appears
  Both analog and digital channels are listed, but the background video is not displayed.

Initial Setup

How to set the channel label. ***(This is only for analog broadcasting.)***



Press the MENU button

▲▼ To CHANNEL SUMMARY
◀▶ To operate
▲▼ To the ID column

Press the OK button to enter

◀▶ To select the character you want
▲▼ To move to the next space

...continue to follow these directions for all four spaces

Press the OK button to finish

Your characters are now set

Press the MENU button when finished

If you want to reset the characters you set:

Press the MENU button

▲▼ To CHANNEL SUMMARY
◀▶ To operate
▲▼ To the ID column

Press the OK button to enter

▲▼ To select RESET

Press the OK button to finish

Your characters are now reset

Notes:

- You can use characters for: Alphabet, numbers, marks and spaces.
- It is possible to set the maximum of 40 channel labels.
- If you try to set more than the 40 maximum, the message "MEMORY OVERFLOW" will appear.

You can block access to a channel by activating the channel lock.

Press the MENU button

▲▼ To CHANNEL SUMMARY

◀▶ To operate

▲▼ ◀▶ To the Lock Column (🔒)

Press the ZERO button to lock or unlock that channel

Press the MENU button when finished

Channel Guard Message

When a viewer attempts to watch a guarded channel, the following message appears:

To watch a channel that you have locked, enter the Lock Code using the 10 key pad.
If the wrong code is entered, the message "INVALID LOCK CODE!" will flash on the screen.

The channel cannot be accessed until the correct code is entered.

THIS CHANNEL IS LOCKED BY CHANNEL GUARD.
PLEASE ENTER LOCK CODE BY 10 KEY PAD TO UNLOCK IT.

NO. - - - -

Notes:

- Once a channel has been unlocked, it will remain unlocked until the television is turned off.
- See also "Set Lock Code", page 48.

V-Chip

Your TV is equipped with V-Chip technology which enables you to block channels or content that you feel to be inappropriate for children, based on US rating guidelines. V-Chip has no effect on video signals from DVD discs or Camcorder connection.

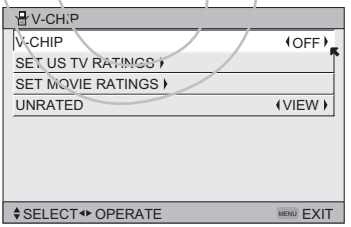
Note: Some programs, and movies are broadcast without a ratings signal. Even if you set up V-CHIP ratings limits, these programs will not be blocked. See page 44 for information on how to block unrated programs

You can customize the V-Chip settings of your television to match your personal tastes. The V-Chip menu below is the starting point for your V-Chip settings

You can use US V-Chip settings and movie ratings. You may use any or all of the settings (US V-Chip and Movie ratings). Descriptions for setting each of the three V-Chip formats appear in the next five pages along with descriptions of the rating categories.

To access the rating categories:

- Press the MENU button
- ▲▼ To V-CHIP
- ◀▶ To operate (Lock icon will appear)
- Press ZERO to access the V-Chip menu
- ◀▶ To turn V-Chip ON or OFF (V-Chip must be turned ON for rating settings to operate)
- ▲▼ To move to SET US TV RATINGS and SET MOVIE RATINGS. (see following pages for descriptions of each item)



Initial Setup

Unrated Programs

Unrated programming refers to any programming which does not contain a rating signal. Programming on television stations which do not broadcast rating signals will be placed in the "Unrated Programming" category.

Examples of Unrated programs:

- Emergency Bulletins
- News
- Public Service Announcements
- Sports
- Some Commercials
- Locally Originated Programming
- Political Programs
- Religious Programs
- Weather

Note:

- TV programs or movies that do not have rating signals will be blocked if the unrated category is set to BLOCK.

Directions to Block Unrated Programs

You can block programs that are not rated.

Press the MENU button

▲▼ To V-CHIP

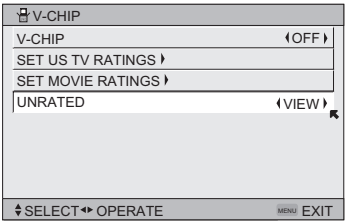
◀▶ To operate (The lock icon appears)

Press ZERO to access V-Chip setup options

▲▼ To UNRATED

◀▶ To VIEW or BLOCK

Press MENU when done



US V-Chip Ratings

U.S. PARENTAL RATING SYSTEMS

Programs with the following ratings are appropriate for children.

- **TV Y is Appropriate for All Children**
  Programs are created for very young viewers and should be suitable for all ages, including children ages 2 - 6.
- **TV Y7 is for Older Children**
  Most parents would find such programs suitable for children 7 and above. These programs may contain some mild fantasy violence or comedic violence, which children should be able to discern from reality.

Programs with the following ratings are designed for the entire audience.

- **TV G stands for General Audience**
  Most parents would find these programs suitable for all age groups. They contain little or no violence, no strong language, and little or no sexual dialog or situations.
- **TV PG Parental Guidance Suggested**
  May contain some, but not much, strong language, limited violence, and some suggestive sexual dialog or situations. It is recommended that parents watch these programs first, or with their children.
- **TV 14 Parents Strongly Cautioned**
  Programs contain some material that may be unsuitable for children under the age of 14 including possible intense violence, sexual situations, strong coarse language, or intensely suggestive dialog. Parents are cautioned against unattended viewing by children under 14.
- **TV MA Mature Audiences Only**
  These programs are specifically for adults and may be unsuitable for anyone under 17 years of age. TV MA programs may have extensive V, S, L, or D.

Viewing Guidelines

In addition to the ratings categories explained above, information on specific kinds of content are also supplied with the V-Chip rating. These types of content may also be blocked. The content types are:

- **V/FV** is for VIOLENCE/FANTASY VIOLENCE
- **S** stands for SEXUAL CONTENT
- **L** stands for strong LANGUAGE
- **D** stands for suggestive DIALOG

Initial Setup

Setting US V-Chip Ratings

Press the MENU button

▲▼ To V-CHIP

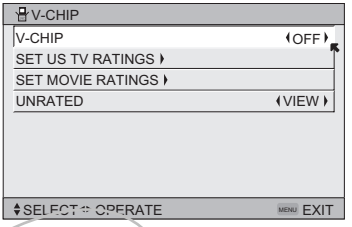
◀▶ To operate (lock icon 🔒 appears)

Press ZERO to access the V-Chip menu

◀▶ To turn V-Chip ON or OFF

▲▼ To move to SET US TV RATINGS

◀▶ To operate



Directions to set US V-Chip Ratings

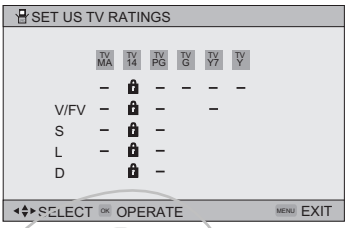
Line up the cursor in the column (TV PG, TV G, etc.) with the content row (V/FV, S, etc.) and press the ▲▼ or ◀▶ to move the cursor to the correct location. Press OK to turn the locking feature on or off. An item is locked if the 🔒 icon appears instead of a "—".

For example. To block viewing of all TV 14 shows, move the cursor to the top row of that column and add a lock icon. Once you've put a lock on the top row, everything in that column is automatically locked.

▲▼◀▶ To the TV 14 Column

Press the OK button to lock

Press the MENU button when finished



Note:

- If you want to change the setup, move the cursor to the top column and change the lock icon to "—" by pressing OK again. You may then select individual categories to block.

Movies Ratings

- **NR -- Not Rated**
  This is a film which has no rating. In many cases these films were imported from countries which do not use the MPAA ratings system. Other NR films may be from amateur producers who didn't intend to have their film widely released.

NR (Not Rated) Programming may contain all types of programming including children's programming, foreign programs, or adult material.

- **G – General Audience**
  In the opinion of the review board, these films contain nothing in the way of sexual content, violence, or language that would be unsuitable for audiences of any age.
- **PG – Parental Guidance**
  Parental Guidance means the movie may contain some contents such as mild violence, some brief nudity, and strong language. The contents are not deemed intense.
- **PG-13 – Parents Strongly Cautioned**
  Parents with children under 13 are cautioned that the content of movies with this rating may include more explicit sexual, language, and violence content than movies rated PG.
- **R – Restricted**
  These films contain material that is explicit in nature and is not recommended for unsupervised children under the age of 17.
- **NC-17 – No One Under 17**
  These movies contain content which most parents would feel is too adult for their children to view. Content can consist of strong language, nudity, violence, and suggestive or explicit subject matter.
- **X – No One under 18**
  Inappropriate material for anyone under 18.

Directions to set Movie (MPAA) Ratings

Press the MENU button

▲▼ To V-CHIP
◀▶ To operate (Lock icon appears)

Press ZERO to access V-Chip setup options

▲▼ To SET MOVIE RATINGS
◀▶ To enter movies menu

For example:

To block viewing of X and NC-17 rated from shows:

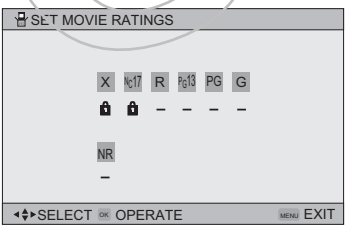
▲▼◀▶ To the X Column

Press the OK button to lock

▲▼◀▶ To the NC-17 Column

Press the OK button to lock

Press the MENU button to finish



Initial Setup

Set Lock Code

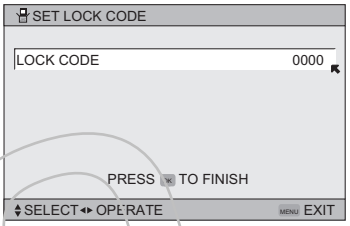
Channel guard and V-Chip settings are protected by a four-digit lock code. Your TV comes preset with a lock code of “0000”. You may change the code to any four-digit number you wish. To change the lock code, follow the steps below.

Press the MENU button

▲▼ To SET LOCK CODE

◀▶ To operate (lock icon appears)

Press ZERO to access the lock code



The first digit will be highlighted

◀▶ To select the number

▲▼ To move to the next digit

Continue to follow these directions for all four numbers

Press the OK button to finish (your lock code is now set)

Press the Menu button when finished

When a viewer attempts to watch a blocked channel, this message appears:

> THIS PROGRAMMING EXCEEDS
> YOUR RATING LIMITS.
> PLEASE ENTER LOCK CODE BY
> 10 KEY PAD TO UNLOCK IT.
> NO. - - - -

The channel will remain blocked until the correct lock code is entered (see above for information on setting your lock code).

Notes:

- After a power interruption you must reset the lock code.
- Write your lock code number down and keep it hidden from potential viewers.
- If you forget the lock code, a new code may be set using the steps listed above.

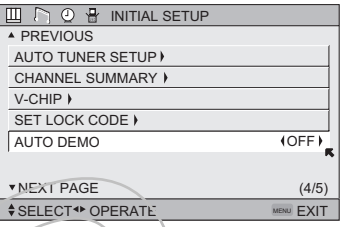
Initial Setup

Auto Demo

This function lets you preview the Dynamic Gamma demo.

Press the MENU button

▲▼ To AUTO DEMO
◀▶ To turn AUTO DEMO ON or OFF



Notes:

- Auto demo starts 2 seconds after it is set to ON.
- To stop auto demo, press the BACK button.

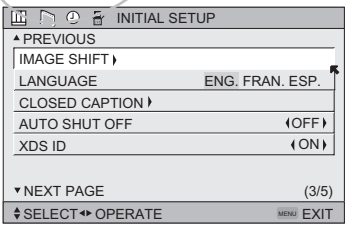
Image Shift

The picture displayed on the screen is shifted up, down and to the left and right at regular intervals. In order to prevent burn-in, set this function to FAST or STANDARD.

Press the MENU button

▲▼ To IMAGE SHIFT
◀▶ To select the mode "STD (STANDARD)", "FAST" or "OFF"

Press the MENU button when finished



OFF: IMAGE SHIFT is turned off.

STD: The picture is shifted every 30 minutes.

FAST: The picture is shifted every 10 minutes.

Language

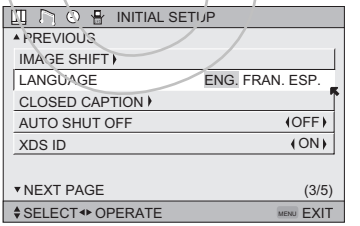
The language function is described on page 30 as the interactive plug-in menu. If you need to choose the language again, follow the steps below.

Press the Menu button

▲▼ To LANGUAGE

◀▶ To choose a language: ENG. (English), FRAN. (French) or ESP. (Spanish)

Press the MENU button when finished

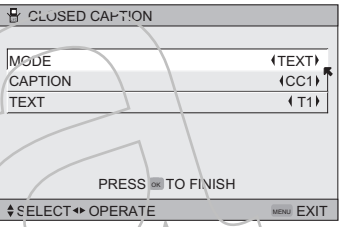


Initial Setup

Closed Caption

Many broadcasts now include an onscreen display of dialog called closed captions. Some broadcasts may also include displays of additional information in text form. Your television can access and display this information using the closed caption feature. To activate the closed caption feature, follow the steps below. There are three methods. When you are watching analog channels, you can perform Analog Setting of closed caption. When you are watching digital channels, you can perform Digital Auto Setting or Digital Manual Setting.

Analog Setting



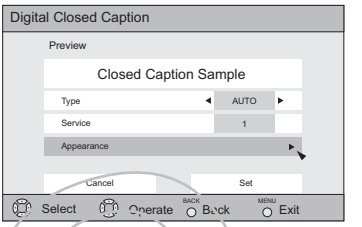
Press the MENU button

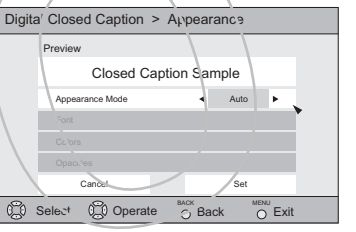
▲▼ To CLOSED CAPTION
◀▶ To enter
▲▼ To MODE
◀▶ To select CAPTION or TEXT in MODE
▲▼ To CAPTION or TEXT
◀▶ To select a caption (CC1 to CC4) or text channel (T1 to T4)

Press the OK button to save

Press the MENU button when finished

Digital Auto Setting





Press the MENU button

▲▼ To CLOSED CAPTION
◀▶ To enter
▲▼ To Type
◀▶ To select Auto, Advanced or Basic

Auto: *Shows closed caption a priority for digital channels over analog channels. It is set automatically.*
Advanced: *Shows only the digital cloased caption.*
Basic: *Shows only the analog closed caption.*

▲▼ To Service
◀▶ To select 1, 2, 3, 4, 5 or 6
▲▼ To Appearance
◀▶ To enter
◀▶ To select Auto
▲▼ To Set

Press the OK button to save

The font/type and color are set automatically.

Press the MENU button when finished

Note:

- If you want to cancel the settings, select cancel.

Digital Manual Setting

Press the MENU button

▲▼ To CLOSED CAPTION

◀▶ To enter

▲▼ To Type

◀▶ To select Auto, Advanced or Basic

▲▼ To Service

◀▶ To select 1, 2, 3, 4, 5 or 6

▲▼ To Appearance

◀▶ To enter

◀▶ To select Manual

▲▼ To Font

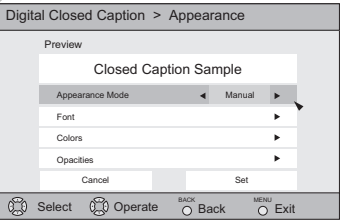
◀▶ To enter

▲▼ To select Font Size or Font Style

◀▶ To select the setting you like

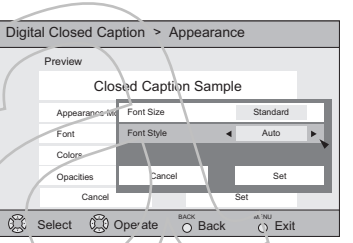
Font Size: Auto, Standard, Large or Small

Font Style: Auto, Serif Mono, Serif, Sanserif mono, Sanserif, Casual, Cursive or Small Capital



▲▼ To Set

Press the OK button to save



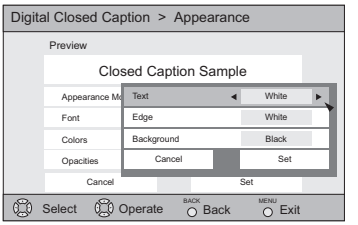
▲▼ To Colors

◀▶ To enter

▲▼ To select Text, Edge or Background

◀▶ To select the setting you like

Auto, White, Black, Red, Green, Blue, Yellow, Magenta or Cyan



▲▼ To Set

Press the OK button to save

▲▼ To Opacities

◀▶ To enter

▲▼ To select Text/Edge or Background

◀▶ To select Auto, Transparent, Translucent, Solid or Flashing

▲▼ To Set

Press the OK button to save

Press the MENU button when finished

Notes:

- Closed caption subtitles are usually found on closed caption channel CC1. Some programs may include additional text information which is usually found on text channel T1. The other channels are available for future use.
- Closed captioning may not work correctly if the signal being received is weak or if you are playing a video tape.
- Most broadcasts containing closed captioning will display a notice at the start of the program.
- To select the mode, press the C.C. button. See page 70.

Initial Setup

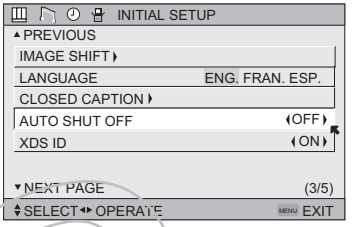
Auto Shut Off

This function automatically shuts off your TV when there is no signal from the channel the TV is on.

Press the MENU button

▲▼ To AUTO SHUT OFF
◀▶ To turn ON or OFF

Press the MENU button when finished



- If the channel that you have on does not receive a signal for more than one minute, the blinking text "NOT RECEIVING A SIGNAL AUTO SHUT OFF in 9 MIN." appears on the screen, and starts the countdown. If no signal is being received within 10 minutes, the TV shuts itself off.
- When i.LINK is displayed, Auto Shut Off will not work.

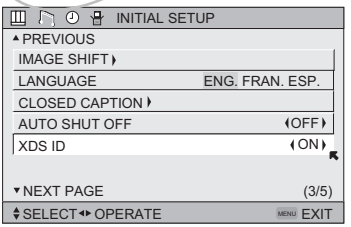
XDS ID

XDS ID Display provides a channel's call letters, the network's name, and even a program name. The XDS ID information is provided by the broadcaster.

Press the MENU button

▲▼ To XDS ID
◀▶ To turn ON or OFF

Press the MENU button when finished



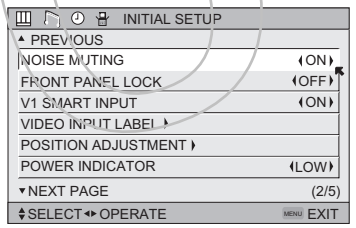
Noise Muting

This feature inserts a blank gray screen over channels which are not broadcasting or are too weak to be received clearly.

Press the MENU button

▲▼ To NOISE MUTING
◀▶ To turn noise muting ON or OFF

Press the MENU button when finished



Notes:

- Noise muting will not work during auto tuner setup or when you operate channel summary.
- Noise muting will not work when the digital TV or i.LINK is displayed.

Initial Setup

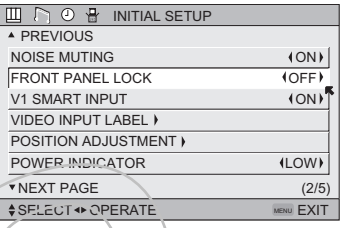
Front Panel Lock

This allows you to lock the keys on the front of the TV, so that a child may not accidentally change your viewing preferences.

Press the MENU button

▲▼ To FRONT PANEL LOCK
◀▶ To turn ON or OFF

Press the MENU button when finished



You can turn off this feature in the following ways:

- Unplug the power cord, and plug it back in. Do this if your batteries die, or you lose your remote control.
- Use the remote control.
- Press the MENU button on the back of the TV for more than 3 seconds. In this case, the OSD for FRONT PANEL LOCK will appear.

Note:

- To turn ON/OFF the TV, press the power button for more than 3 seconds. This feature will remain ON.

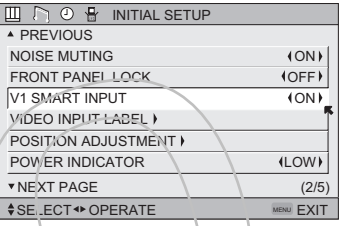
V1 Smart Input

This feature is used if you have connected an AV Receiver to your television. By turning this feature on, your television can automatically detect the signal source from your components that are connected to your AV Receiver.

Press the MENU button

▲▼ To V1 SMART INPUT
◀▶ To turn ON or OFF

Press the MENU button when finished



Notes:

- If you do not have an AV Receiver connected to your television, turn this feature OFF. By doing so, you can take advantage of using AV CompuLink components with your television.
- Some AV Receivers may not work with this function.

Initial Setup

Video Input Label

This function is used to label video input connections for the onscreen displays.

Press the MENU button

▲▼ To VIDEO INPUT LABEL

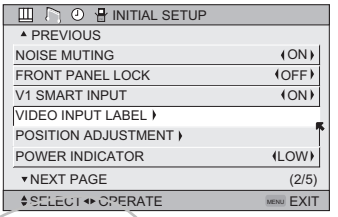
◀▶ To enter

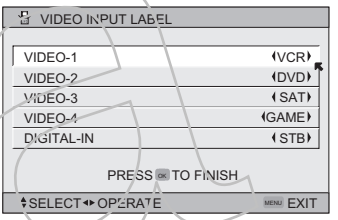
▲▼ To select the desired video input

◀▶ To select the desired preset input label (see chart below)

Press the OK button to save

Press the MENU button when finished





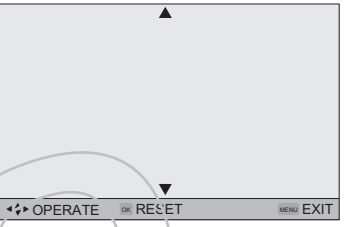
Preset Labels	Select when...
VCR	You have a VCR connected to the video input
DVD	You have a DVD connected to the video input
DVHS	You have a Digital VCR connected to the video input
STB	You have a Set-top Box connected to the video input
SAT	You have a Satellite Receiver connected to the video input
AMP	You have an Amplifier connected to the video input
GAME	You have a Video Game connected to the video input
CAM	You have a Video Camera connected to the video input
DISC	You have a Video Disc player connected to the video input

Initial Setup

Position Adjustment

Position adjustment allows you to adjust the position of the picture on the screen vertically when the aspect is set to panorama, cinema or full.

Press the MENU button
▲▼ To POSITION ADJUSTMENT
◀▶ To enter
▲▼◀▶ To adjust the position
Press the MENU button to finish



Notes:

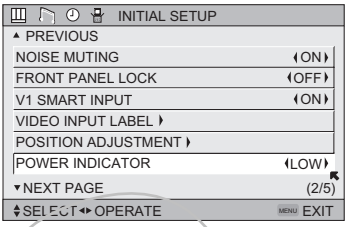
- To reset the adjustment to the center, press the OK button.
- When the arrow disappears, while you are adjusting the position, the position is at its maximum limit.
- If you select regular size with aspect or Multi Screen, position adjustment option is not seen.
- When you change the screen size, perform the position adjustment again.
- Position adjustment allows you to adjust the screen position vertically and horizontally when the aspect is set HD panorama or cinema zoom for 720p and 1080i signals.

Power Indicator

Power indicator allows you to adjust the brightness of the power indicator

Press the MENU button

▲▼ To POWER INDICATOR
◀▶ To adjust POWER INDICATOR LOW, HIGH or OFF



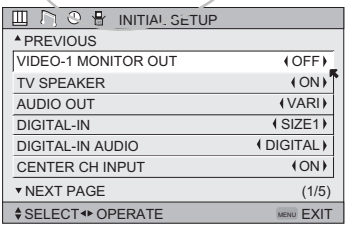
Note:

- If you set a timer on the TV, the power indicator will light even if the TV is on stand by.

Video-1 Monitor Out

This function allows you to set whether the signal, which comes from VIDEO-1 input terminal, should be output from MONITOR OUT terminal. If you select it from MONITOR OUT, set it to "ON".

Press the MENU button
▲▼ To VIDEO-1 MONITOR OUT
◀▶ To select ON or OFF
Press the MENU button to finish



Initial Setup

TV Speaker

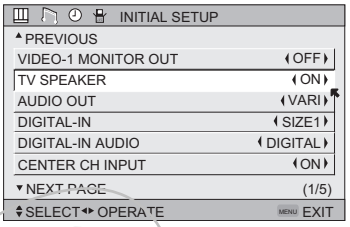
If your TV is connected to a stereo system, you can turn off the TV speakers and listen to the audio through your stereo.

Press the MENU button

▲▼ To TV SPEAKER

◀▶ To turn the TV's speakers ON or OFF

Press the MENU button when finished



Notes:

- Before you turn the TV speaker setting from OFF to ON, **make sure that the TV volume level is low!** If the TV volume is set too high, the sound level will be extremely loud.
- After a power interruption, the TV speaker settings will return to "ON".

Audio Out

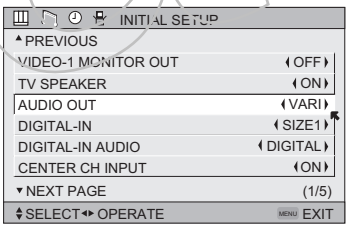
If your television is connected to an external speaker source, audio out gives you the option of controlling the volume level with your TV's remote control.

Press the MENU button

▲▼ To AUDIO OUT

◀▶ To VARI or FIX

Press the MENU button when finished



VARI: Lets you adjust the volume of the external speakers using the VOLUME+/– buttons on your TV's remote control.

FIX: The volume of the external speakers is adjusted using the audio device's remote control.

Digital-In

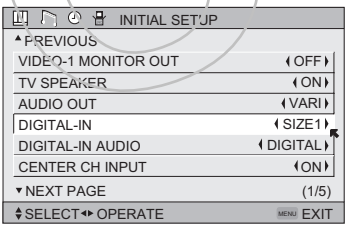
The DIGITAL-IN option can only be displayed in the INITIAL SETUP menu when an HDMI480p picture signal is being input to the DIGITAL-IN terminal. This option adjusts the position when an HDMI or DVI 480p picture signal is being displayed on the screen. There are two types of HDMI 480p picture signals: 640x480 and 720x480. If the displayed picture is slightly shifted, the position can be adjusted by selecting either SIZE1 or SIZE2.

Press the MENU button

▲▼ To DIGITAL-IN

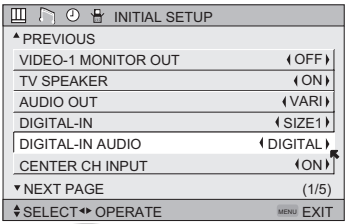
◀▶ To select SIZE1 or SIZE2

Press the MENU button to finish



Digital-In Audio

This feature is used if you have a DTV or HDMI compatible component connected to your TV.



Press the MENU button

▲▼ To DIGITAL-IN AUDIO

◀▶ To select ANALOG or DIGITAL

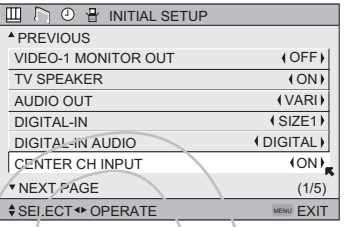
Press the Menu button when finished

Notes:

- If your DTV or HDMI component is capable of digital audio and video, choose DIGITAL. If your DTV or HDMI component is capable of analog audio and digital video, choose ANALOG.
- Refer to your DTV or HDMI component's instruction manual for more information.
- When you select DIGITAL, select PCM on Digital Sound in the Digital Setup menu. See page 76.

Center CH Input

When you are using a surround system, you can substitute the speaker of this television for the center speaker of your surround system. Set CENTER CH INPUT to ON when you use the speaker as the center speaker of your surround system. The volume differs when the TV is being utilized as the Center Channel Input versus when it is not.



Press the MENU button

▲▼ To CENTER CH INPUT

◀▶ To adjust CENTER CH INPUT to ON or OFF

Press the MENU button when finished

Note:

- In order to use the CENTER CHANNEL SPEAKER feature, you need a video signal present as well as sound. Because of that we recommend using this feature for Home Theater setup only. If there is no video signal present, the TV will be muted.
- There are two different volume adjustment levels, one for regular TV and one for TV used as a CENTER CHANNEL. Please remember that when switching CENTER CHANNEL mode ON and OFF in TV menu.

Picture Adjust

Picture Settings

These settings allow you to change and adjust the way the picture appears on your television.

TINT
Tint allows you to adjust the levels of red and green in your TV picture.

COLOR
The color function lets you make all the colors in the TV picture appear either more vivid or subtle.

PICTURE
Picture allows you to adjust the levels of black and white on the TV screen, giving you a darker or brighter picture overall.

BRIGHT
You can adjust the overall brightness of the TV picture with the Bright control.

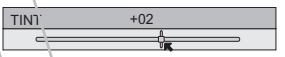
DETAIL
The Detail feature adjusts the level of fine detail displayed in the picture.

Adjust the Picture Settings

Press the MENU button

▲▼ To TINT, COLOR, PICTURE, BRIGHT or DETAIL

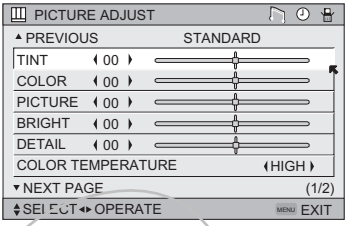
◄ ► To enter



◄ ► To adjust the setting

▲▼ To move to the next setting

Press the MENU button when finished



Color Temperature

You can decide how strong or dull the colors appear on the TV screen.

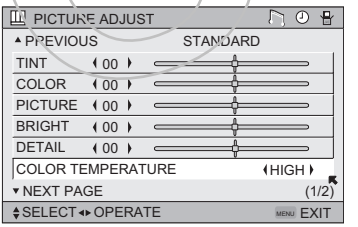
Press the MENU button

▲▼ To COLOR TEMPERATURE

◄► To enter

◄► To set LOW or HIGH

Press the MENU button when finished



Picture Adjust

Digital Noise Clear

With digital noise clear, this helps take our static or noise from a channel that may not be coming in clearly.

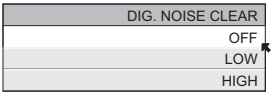
Press the MENU button

▲▼ To DIG. NOISE CLEAR

◀▶ To enter

▲▼ To select the mode LOW, HIGH or OFF

Press the MENU button when finished



Color Management

This TV supports the COLOR MANAGEMENT function to ensure dull colors are compensated to produce natural hues.

Press the MENU button

▲▼ To COLOR MANAGEMENT

◀▶ To enter

▲▼ To select the mode “ON" or "OFF"

Press the MENU button when finished

Dynamic Gamma

JVC's Dynamic Gamma Circuitry (DGC) makes it easier to see dark areas when a picture has many dark areas, and makes it easier to see the bright areas when a picture has many bright areas. DGC is turned on, DGC analyzes and adjusts the total level of picture brightness balance, especially in dark areas where the level of greyscale is often lost, turning completely to black. DGC automatically enhances the detail in these dark areas providing a more dynamic image with finer detail, so the optimum picture settings are automatically set for each picture. Normally use with DGC on.

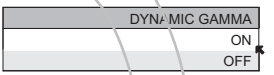
Press the MENU button

▲▼ To DYNAMIC GAMMA

◀▶ To enter

▲▼ To turn ON or OFF

Press the MENU button when finished



Picture Adjust

Burn-in Image Reducer

When burn-in is minimal, burn-in and residual images may be softened with the BURN-IN IMAGE REDUCER function.

Press the MENU button

▲▼ To BURN-IN IMAGE REDUCER
◀▶ To enter

REDUCING BURN-IN. PLEASE WAIT

Burn-in will be reduced by displaying snow on the screen for approximately 55 seconds, and white for approximately 5 seconds in sequence. Leave the television in this state for some time (more than a few hours).

Press the MENU button to bring back to the normal screen.

Reset

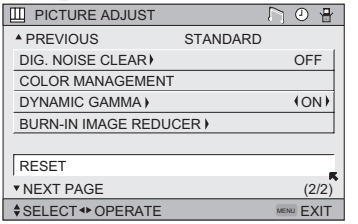
Reset resets all picture adjustments (tint, color, picture, bright, detail, color temperature, dig. noise clear, color management and dynamic gamma) at once to the default settings.

Press the MENU button

▲▼ To RESET
◀▶ To enter

The onscreen menu disappears for a moment, and then the settings are reset to the default setting for all the picture adjustments.

Press the MENU button when finished



Sound Adjust

Sound Settings

These settings allow you to change and adjust the sound on your television.

BASS -- You can increase or decrease the level of low-frequency sound in the TV's audio with the bass adjustment.

TREBLE – Use treble to adjust the level of high-frequency sound in your TV's audio.

BALANCE – Adjust the level of sound between the TV's left and right speakers with the balance setting.

Adjust the Sound Settings

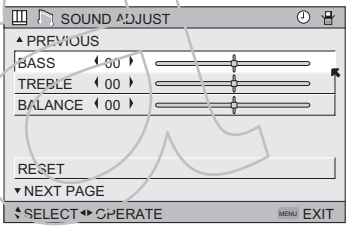
Press the MENU button

▲▼ To BASS, TREBLE or BALANCE

◀ ▶ To adjust the setting

▲▼ To move to the next setting

Press the MENU button when finished



Note:

- You can reset the sound adjustments (BASS, TREBLE and BALANCE) you set at once as the default setting when you select reset. See page 60.
- You can adjust BALANCE only when A.H.S. is off. See page 67.

Reset

Reset resets all Sound Adjustments (Bass, Treble and Balance) at once to the default settings. See page 60 on how to use reset.

Clock/Timers

Set Clock

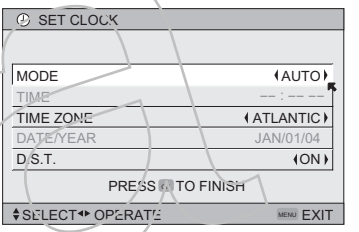
The set clock function is described on page 30 as the interactive plug-in menu. You can choose to set the clock automatically or manually. If you need to set the clock again, follow the steps below.

Press the MENU button
▲▼ To SET CLOCK
◀▶ To enter

When you set the clock automatically, choose AUTO by pressing the ◀ or ▶ arrows.

▲▼ To TIME ZONE
◀▶ To select your time zone

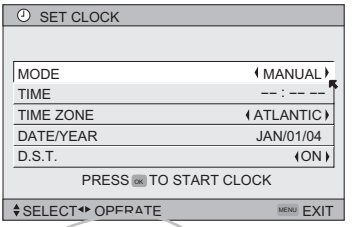
ATLANTIC ⟷ EASTERN ⟷ CENTRAL ⟷ MOUNTAIN ⟷ HAWAII ⟷ ALASKA ⟷ PACIFIC



▲▼ To D.S.T. (daylight savings time)
◀▶ To turn D.S.T. ON or OFF

Press OK to finish
Press the MENU button when finished

When you set the clock manually, choose MANUAL by pressing the ◀ or ▶ arrows.



▲▼ To move to the hours
◀▶ To set the hours
▲▼ To move to minutes
◀▶ To set the minutes
▲▼ To TIME ZONE
◀▶ To select your time zone:
(Atlantic, Eastern, Central, Mountain, Pacific, Alaska or Hawaii)
▲▼ To DATE/YEAR
◀▶ To set the month
▲▼ To day
◀▶ To set the day
▲▼ To year
◀▶ To set the year
▲▼ To D.S.T. (daylight savings time)
◀▶ To turn D.S.T. ON or OFF
Press OK to start clock

THANK YOU !!

Press the MENU button when finished

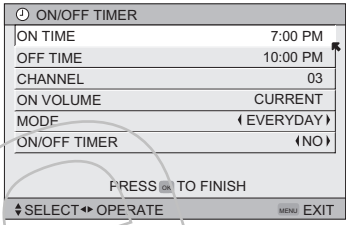
Notes:

- D.S.T. can be used when it is set to ON in the SET CLOCK menu.
- Only when the MODE set to AUTO, the Daylight Savings Time feature automatically adjusts your TV's clock for Daylight Savings. The clock will move forward one hour at 2:00 am on the first Sunday in April. The clock will move back one hour at 2:00 am on the last Sunday in October.
- You will have to reset the clock after a power interruption. You must set the clock before operating any timer functions.

Clock/Timers

On/Off Timer

The on/off timer lets you program your television to turn itself on or off. You can use it as an alarm to wake up, to help you remember important programs, or as a decoy when you're not home.



- Press the MENU button
- ▲▼ To ON/OFF TIMER
- ◀▶ To enter (begins with ON TIME)
- ◀▶ To set the hour (AM/PM) you want the TV to turn on
- ▼ To move to minutes
- ◀▶ To set the minutes
- ▼ To accept ON TIME and move to OFF TIME (the time the TV will turn off). Set the OFF TIME the same way as ON TIME
- ▼ To accept OFF TIME and move to CHANNEL
- ◀▶ To select channel
- ▼ To ON VOLUME
- ◀▶ To set the volume level
- ▼ To move to MODE
- ◀▶ Choose ONCE or EVERYDAY
- ▼ To ON/OFF TIMER
- ◀▶ Choose YES to accept the timer setting, choose NO if you don't wish to accept
- Press the OK button to finish
- Press the MENU button to exit the menu

Notes:

- The on/off time cannot be set to locked or guarded channels.
- In order for the on/off timer to work, the clock must be set.
- After a power interruption, the timer settings must be reset.

Button Functions

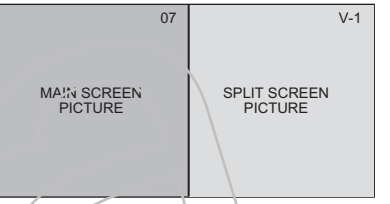
Multi Screen Function

Your television has two kinds of screen: TWIN (2 channels) and INDEX (12 channels).

Note: After you press any multiscreen buttons, if you press the menu button, only the picture adjust screen will appear.

Twin

Activate the split-screen option by pressing TWIN on the remote control. The channel (or input) you were watching before pressing TWIN will appear on the left, the new channel will appear on the right. The sound will continue to come from the main screen channel (or input). To turn split-screen off and return to normal television viewing, press TWIN again or press the BACK button.



Notes:

- If the signal that you are watching is coming from the HDMI input, you cannot enter the TWIN mode.
- Main Screen and Split Screen will not display the same channel or input at the same time.
- You can enter the TWIN mode when the screen is in NORMAL or INDEX mode.
- Split-screen functions will not work with locked channels or channels blocked by V-Chip ratings limits. A gray screen will display instead.
- The aspect of MAIN CHANNEL PICTURE becomes 16:9 when you input the picture of 480p, 720p and 1080i from the component terminal.
- After you press the SELECT button, and select SPLIT SCREEN when you press the OK button, select normal screen. If you don't operate, the MAIN CHANNEL SCREEN will be automatically selected about 8 seconds later.
- Aspect does not work in Twin mode.
- When it is PC output, Main and Split screen will not be displayed.
- When the cable card is inserted into the TV, the combination of analog broadcasting and digital broadcasting will not appear in the TWIN mode.

Button Functions

Index

This allows you to quickly look at up to 12 channels at a time so that you can decide which one to watch.

1	2	3	4
5	6	7	8
9	10	11	12

Notes:

- Only RF input signal will be displayed.
- You can watch the channel added in channel summary. See page 41.

Freeze

Pressing the FREEZE button causes the screen to change to the split-screen display with the still picture displayed on the right. In order to return to the normal display, press the FREEZE button once again.

Note: When the screen is in freeze mode, if you do not operate it within 15 minutes, this function will cancel out.

Swap

You can exchange the channel (or input) displayed in the split screen window for the main screen image by pressing the SWAP button.

Note: It will only work in TWIN mode.

Select

With SELECT, you can select the picture (channel) while viewing TWIN screen. When you press SELECT button, the channel number on the top will be highlighted. Each press of SELECT will shift the channel.

Button Functions

Power

Turns the TV on or off.

Press the POWER button

Number Buttons - 10Key Pad

Use the number buttons on the remote control to move directly to a specific channel. For example, to move to channel 12:

0 (Zero)

1 (One)

2 (Two)

Tune

Lets you decide the input channel and select it. After you press the number buttons on the remote, press the TUNE button. For example, to move to channel 12:

1 (One)

2 (Two)

Press the TUNE button

Input

Selects the signal input source for the television: Input-1, 2, 3, 4, DIGITAL-IN or i.LINK for video devices like VCRs, DVD players or camcorders.

Press the INPUT button

By every press of the INPUT button, you can change the input mode.

Notes:

- When you return to TV mode, press the RETURN +/TV button or direct 10 key pad.
- You can also access the FRONT CONTROL PANEL screen by using the MENU button on the back of the TV instead of the remote control. It appears between INITIAL SETUP and PICTURE ADJUST screen, and it has INPUT, VIDEO STATUS and ASPECT menus. Choose INPUT by pressing MENU ▼ on the back panel and choose a mode by using the CHANNEL+/- buttons (◀ OPERATE ▶).
- If you have a PC connected to the TV, select INPUT 4.
- i.LINK can be selected only when you have an i.LINK device connected.

TheaterPro D6500K

The TheaterPro D6500K color temperature technology function makes sure that the video you watch is set to the standard color temperature, so that what you see is as true to what the film to video editors intended it to be.

Press the THEATERPRO button

Button Functions

Return +/TV

The RETURN+/TV button has three functions:

Return - Returns to the channel viewed just before the channel currently onscreen.

Return+ - Lets you program a specific channel to return to while scanning through the channels using the CH+ and CH– buttons.

TV - Returns to the TV mode.

Press the RETURN+/TV and hold for three seconds

RETURN CHANNEL
PROGRAMMED!

The channel currently active has been programmed as your return+ channel. Now scan through the channels using the CHANNEL+/– buttons.

Press the RETURN+/TV

You will return to your programmed channel.

- To cancel your return+ channel, press and hold the RETURN+ button for three seconds. The message "RETURN CHANNEL CANCELLED!" will appear.
- Return+ works only with the Channel+/– buttons. Pressing any number key will cancel return+.

Sound

By pressing the SOUND button, you can change the A.H.S. (Advanced Hyper Surround) mode, BBE, SMART SOUND and A.H.B (Active Hyper Bass) on or off.

A.H.S. - Adds a more spacious surround sound. Music gives basic effect and movie for more effect.

BBE - BBE High Definition Sound restores clarity and presence for better speech intelligibility and musical realism.

SMART SOUND - Decreases high sound levels, giving a regulated sound level.

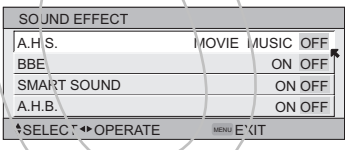
A.H.B. - You can reinforce the bass sound to maintain rich, full bass at low volumes, and enjoy a clear sound with boosted bass.

Press the SOUND button

▲▼ To select A.H.S., BBE, SMART SOUND or A.H.B.

◀▶ To choose the setting

Press the MENU when finished



Manufactured under license from BBE Sound, Inc. Licensed by BBE Sound, Inc. under USP4638258, 5510752 and 5736897. BBE and BBE symbol are registered trademarks of BBE Sound, Inc.

Note: Smart Sound may become an unnatural effect, depending on the signal source.

Button Functions

Muting

The MUTING button instantly turns the volume down completely when you press it. Press MUTING and the volume level will instantly go to zero. To restore the volume to its previous level, press MUTING again.

Video Status

The VIDEO STATUS button gives you a choice of four TV picture display settings, including a display of your own preferences.

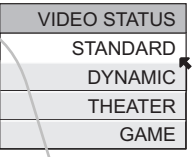
Standard - Resets the picture display to the factory settings.

Dynamic - Gives a vivid picture with better contrast when viewing in a brightly lit room.

Theater - Gives a rich, film-like look to video when viewing in a dimly lit room.

Game - Used for when you are playing video games connected to your TV.

Press the VIDEO STATUS button
By every press of the VIDEO STATUS button, you change the mode.



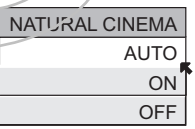
Note:

- You can also change the mode by pressing the ▲▼ buttons.
- The VIDEO STATUS function is initially set to DYNAMIC. Unless the TV is being watched in an extremely bright room, it is recommended to change the VIDEO STATUS setting to standard, theater or game. Doing so will reduce the chance of PDP burn-in and extend the life of the PDP.
- You can also access the FRONT CONTROL PANEL screen by using the MENU button on the back of the TV instead of the remote control. It appears between INITIAL SETUP and PICTURE ADJUST screen, and it has INPUT, VIDEO STATUS and ASPECT menus. Choose VIDEO STATUS by pressing MENU ▼ on the back panel and choose a mode by using the CHANNEL +/- buttons (◀ OPERATE ▶).

Natural Cinema

Natural cinema corrects the problem of blurred edges which may occur when viewing a program originally shot on film (such as motion pictures) or animation. If you notice blurring at the edges of these programs, press NATURAL CINEMA and set it to AUTO. Natural Cinema helps correct conversion errors that occur when film, which is shot at 24 frames-per-second, is broadcast at the television rate of 30 frames-per-second.

Press the NATURAL CINEMA button



Notes: The natural cinema mode is automatically set to “AUTO” in the following cases:

- Turning on or off
- Changing the channel or input mode
- Using multi-screen functions

Button Functions

Sleep Timer

The Sleep Timer can turn the TV off for you after you fall asleep. Program it to work in intervals of 15 minutes, for a total time of up to 180 minutes.

Press the SLEEP button

0 15 30 45 60 75 90 105 120 135 150 165 180

Sleep Timer Message

20 seconds before the automatic shutoff, this message will appear:

GOOD NIGHT!!
PUSH SLEEP TIMER BUTTON
TO EXTEND

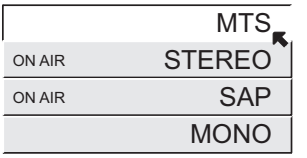
You then have 20 seconds to press the SLEEP button to delay the shut off for another 15 minutes.

ML/MTS

MTS technology allows several audio signals to be broadcast in analog at once, giving you a choice in what you wish to hear with a TV program. In addition to mono or stereo sound, an MTS broadcast may also include a second audio program (SAP).

Press the ML/MTS button

By every press of the ML/MTS button, you change the mode



Notes:

- When you are receiving a digital broadcast, if there are other languages, you can change the language by pressing the ML/MTS button.
- Keep the TV in stereo mode to get the best sound quality. The sound will work in stereo mode even if a certain broadcast is in mono sound only.
- Choose the mono setting to reduce excessive noise on a certain channel or broadcast.
- Selecting SAP will allow you to hear an alternative soundtrack, if one is available.
- MTS unavailable if your television's Input source is in input 1, 2, 3 or 4 mode, as described on page 66.
- ML/MTS will not work when you are using the Digital-In.
- You can also change the mode by pressing the ▲▼ buttons.

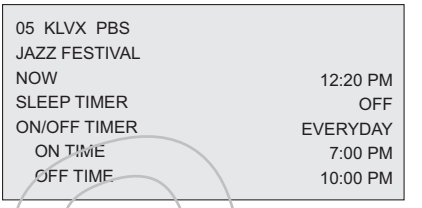
Button Functions

Display

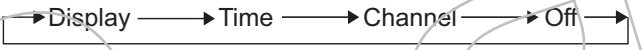
The display screen shows the current status of timers, inputs and XDS ID.

Press the DISPLAY button

The screen to the right shows the following information:



- The current channel or AV input (Channel 05)
- The current time (12:20 pm)
- Sleep timer status/minutes remaining (The Sleep Timer is off)
- On/off timer status (Set to turn on everyday at 7: 00 PM, off at 10:00 PM)
- Each Press of the DISPLAY button changes the display mode:



Display - Full screen shown above

Time - Shows the current time only

Channel - Shows the current channel

Off - Turns display off

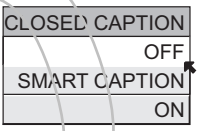
Notes:

- You may also turn off the display at any step by pressing MENU.
- If the clock, sleep timer or on/off timer are not set, the display screen will show: "CLOCK NOT SET", "SLEEP TIMER OFF", and "ON/OFF TIMER OFF" respectively.

C.C. (Closed Caption)

Use the C.C. (Closed Caption) button to select the mode of closed caption.

Press the C.C. button



Notes:

- SMART CAPTION will appear when you press the MUTING button, only on channels where the broadcast contains closed captioning.
- When you select ON, it will be the mode selected in the Closed Caption Menu.
- See page 50 when you set the caption/text mode.
- You can also change the mode by pressing the ▲▼ buttons.

Channel +/–

Use these buttons to move up or down all the available channels your TV is able to receive.

Volume +/–

Use these buttons to raise or lower the TV's volume level.

Button Functions

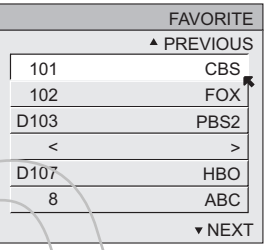
Favorite

The Favorite button allows you to select your favorite channels easily. First, you must register the channels that you like. See how to register below.

Press the FAVORITE button
The favorite channel list will appear.

▲▼ To select the channel you want to watch

Press the OK button
It will change to the channel you have selected.



Register the favorite channel

Press the channel number you want to register
The channel program will change.

Press the FAVORITE button for three seconds
The channel will be registered in the favorite channel list.

Notes:

- Both analog and digital channels can be registered. The digital channels have a "D" in front of the channel number.
- The maximum number of channels you can register is 24.
- If you have registered the maximum number of channels, and try to register more channels, the oldest channel you registered will be deleted.
- Sub channels can not be registered.
- The newest channel you registered will appear at the top of the list.
- Regarding digital channels, see pages 78 - 84.

Delete the favorite channel

Press the FAVORITE button
The favorite channel list will appear.

▲▼ To select the channel you want to delete
◀▶ To enter
Press the OK button
The channel was deleted.

Press the FAVORITE button when finished

Note:

- Before pressing the FAVORITE button when you are finished, press the ◀▶ button again, and you can return to the deleted channel.

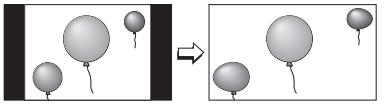
Button Functions

Aspect

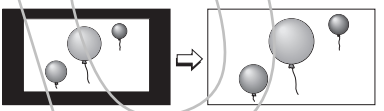
This feature will help you adjust the picture you are watching to give you the best possible picture quality.

Aspect Ratios

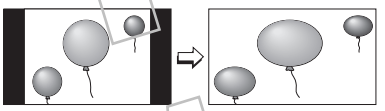
PANORAMA - With this ratio a normal 4:3 aspect picture is stretched to fit the dimensions of the 16:9 aspect screen.



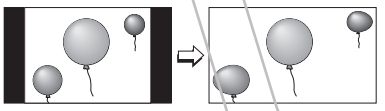
CINEMA - This ratio "zooms in" on the center part of a 4:3 aspect picture, blowing it up to fill the 16:9 screen.



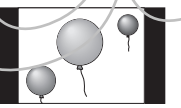
FULL - This is the ratio to use when watching 16:9 High-Definition broadcasts.



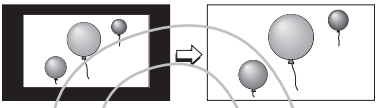
HD PANORAMA - This ratio stretches the High-Definition 16:9 aspect image to eliminate the black side bars.



REGULAR - The regular ratio is used when you want to watch a 4:3 broadcast or recorded program without modifying the original picture to fit the dimensions of your 16:9 screen. The 4:3 picture will fill the screen from top to bottom, while black bars will appear to fill up the remaining space along the picture's sides. The 4:3 picture will be centered within the boundaries of the 16:9 screen.



CINEMA ZOOM - This ratio stretches the High-Definition 16:9 aspect image to eliminate the black surrounding bars.



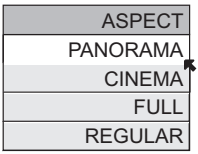
Aspect Ratios (Continued)

Press the ASPECT button

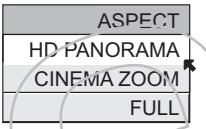
- *By pressing the ASPECT button, you can change the size.*

When you change the aspect ratios, it is different from their broadcast or recorded program.

NTSC, 480i, 480p



HD (1080i, 720p)



Notes:

- You can also choose the size by pressing the ▲▼ buttons.
- When you change the aspect ratio or signal, reset the picture position to center.
- You can also access the FRONT PANEL CONTROL screen by using the MENU button on the back of the TV instead of the remote control. It appears between INITIAL SETUP and PICTURE ADJUST screen, and it has INPUT, VIDEO STATUS and ASPECT menus. Choose ASPECT by pressing Menu ▼ on the back panel and choose a mode by using the CHANNEL +/- buttons (◀ OPERATE ▶).

Menu

The MENU button allows you to access JVC's onscreen menu system. Press MENU to activate the onscreen menu system.

- See individual topics like "Sound Adjust" for specific information on using menus.

OK

This button confirms your selection when you are in one of the onscreen menus.

Back

This button allows you to go back in the menu to change a selection or correct a mistake.

Button Functions

TV/CATV Slide Switch

Use either the television's own tuner or a cable box to select channels. Set this switch to **TV** to operate the television's built-in tuner. Move the switch to **CATV** to operate a cable box.

Note:

- See page 33 for information on programming your remote for cable box operation.

VCR/DVD Slide Switch

You can control a VCR or DVD player with the buttons on the lower part of the remote control. Move the slide switch to **VCR** or **DVD** to operate.

Notes:

- The remote is preset with the code 000 to control JVC-brand VCR's. For any other manufacturer's brand VCR, please see the code chart and instructions on page 34.
- The remote is preset with the code 000 to control JVC-brand DVD players. For any other manufacturer's brand DVD player, please see the code chart and instructions on page 35.

VCR Buttons

You can use this remote control to operate the basic functions of your VCR. These functions include: play, record, rewind, fast-forward, stop, pause, channel scan, TV/VCR, power on and power off.

Move the selector switch to **VCR** to operate.

- The remote is preset with the code 000 to control JVC-brand VCR's. For any other manufacturer's brand VCR, please see the code chart and instructions on page 34.

DVD Buttons

You can also use this remote control to operate the basic functions of your DVD player. These functions include: play, rewind, fast-forward, stop, still/pause, previous/next, tray open/close, power on and power off.

Move the selector switch to **DVD** to operate.

- The remote is preset with the code 000 to control JVC-brand DVD players. For any other manufacturer's brand DVD player, please see the code chart and instructions on page 35.

Light

All remote control buttons are illuminated, except for the TV/CATV slide switch, VCR/DVD slide switch and Light button. Press the LIGHT button to turn the illumination on for 4 seconds.

Digital Setup

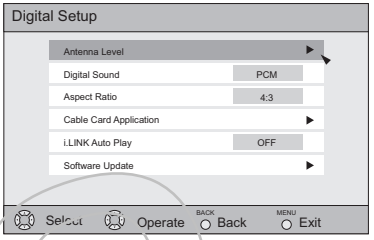
Use this function when you are receiving a digital broadcast.

Press the MENU button

▲▼ To DIGITAL SETUP

◀▶ To enter

The onscreen will appear



Notes:

- Software Update will only appear when the SD Card is inserted.
- If you are watching an analog channel, you can still access the digital setup menu at anytime, while you are doing this, the background screen will turn blank. In this case, the tuner will switch to digital, since you are accessing the digital setup menu.

Antenna Level

Confirms the present antenna level.

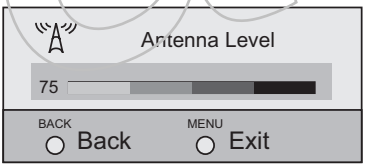
Press the MENU button

▲▼ To DIGITAL SETUP

◀▶ To enter

▲▼ To Antenna Level

◀▶ To enter



Note:

- If you are watching an analog channel or a signal from your i.Link device, antenna level will not appear.

Digital Setup

Digital Sound

You can select the optical digital sound output, either PCM or Dolby Digital when your TV is connected to an amplifier that has Dolby Digital decoder. If you select Dolby Digital, you can enjoy listening in 5.1ch sound when watching digital broadcasts.

Press the MENU button
▲▼ To DIGITAL SETUP
◀▶ To enter
▲▼ To Digital Sound
◀▶ To select PCM or DOLBY DIGITAL
Press the MENU button when finished

Notes:

- If your amplifier does not have Dolby Digital decoder, select PCM. If you don't select PCM, it cannot output the sound from the speakers.
- For connecting an amplifier using the optical output, see page 23.

Manufactured under license from Dolby Laboratories. "Dolby", and the double-D symbol are trademarks of Dolby Laboratories.

Aspect Ratio

You can select the aspect mode for ATSC from 4:3 or 16:9.

Press the MENU button
▲▼ To DIGITAL SETUP
◀▶ To enter
▲▼ To Aspect Ratio
◀▶ To select 4:3 or 16:9
Press the MENU button when finished

Notes:

- Set the mode to 4:3 or 16:9 before you record a program using the ATSC MONITOR OUT.
- Make sure the mode you choose is the same as the TV's aspect ratio when the recorded program is played back, so that you can obtain a good picture quality, free from any unatural distortions.

Digital Setup

Cable Card Application

Press the MENU button

▲▼ To DIGITAL SETUP
◀▶ To enter
▲▼ To Cable Card Application
◀▶ To enter

Press the OK button

The application will perform

i.LINK Auto Play

When playing a D-VHS tape, you can set it to the i.LINK input automatically, or manually.

Press the MENU button

▲▼ To DIGITAL SETUP
◀▶ To enter
▲▼ To i.LINK Auto Play
◀▶ To select ON or OFF

ON: Set to i.LINK input automatically
OFF: Select the input manually

Press the MENU button when finished

Software Update

At first, insert the SD(Multi-media) card into the memory card slot. This function will appear only when you insert an SD Card.

Press the MENU button

▲▼ To DIGITAL SETUP
◀▶ To enter
▲▼ To Software Update
◀▶ To enter
▲▼ Checks the card if it needs an update or not

Press the MENU button when finished

Digital Button Functions

Digital CH D/A (Digital/Analog)

The D/A button changes the analog and digital channel. Each time you press the D/A button, you can switch back and forth the analog and digital channels. Digital channels have a "D" in front of the channel number.

Note:

- If the cable card is inserted into the TV, you cannot use the D/A button. You can select a digital channel only.

Press the D/A button

To watch digital channels

For example, to move to channel D23:

Press 2 (Two)

Press 3 (Three)

Press the TUNE button

Sub Channel

The main channel sometimes has minor channels (Sub Channels). By using the SUB button, you can select a sub channel easily.

For example, to move to sub channel 123-45:

Press 1 (One)

Press 2 (Two)

Press 3 (Three)

Press the SUB button

Press 4 (Four)

Press 5 (Five)

Press the TUNE button

Note:

- If there are more than 2 major channels, select the digital channel by using the ▲▼ buttons and then press the OK button.

Digital Button Functions

i.LINK Menu

i.LINK has two menus - Controller and Device.

By connecting a D-VHS VCR with an i.LINK cable, you can set the timer easily.

Notes:

- The i.LINK/Timer function will only work when you are receiving digital programming only.
- As for the connection of a D-VHS VCR with the i.LINK cable, see page 29.
- When operating the i.LINK, don't insert or disconnect the i.LINK cable.

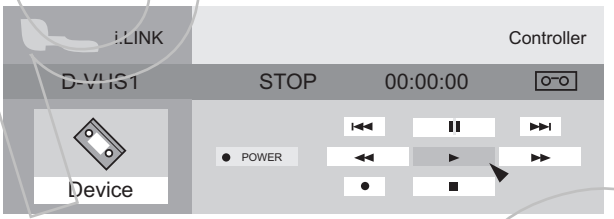
Controller

You can operate a D-VHS VCR connected with an i.LINK cable by using this controller.

Notes:

- If the i.LINK is not connected, the Controller OSD will not appear. The OSD of device on page 80 will appear.
- Some controller operations may differ from your D-VHS VCR operations.

Press the i.LINK MENU button



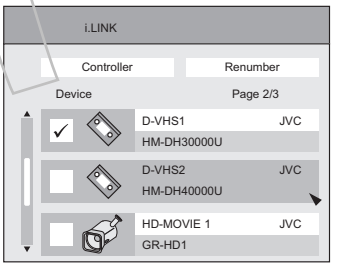
◀▶▲▼ To select the key you want to operate

Press the OK button

Digital Button Functions

Device

To operate, select a device.



▲▼ To select your device connecting with i.LINK

Press the OK button

Notes:

- If you do not select the device, you cannot use the i.LINK timer functions.
- When one device is selected and you select controller, you will move to the Controller onscreen.
- The devices listed on the device onscreen are only D-VHS and HD-MOVIE that have i.LINK, which can be recognized on this television. However, you can not record programs to HD-MOVIE.
- If you disconnect one device, it will be removed from the list. Then, select Renumber to rearrange the list in the new order.

Digital Button Functions

Timer

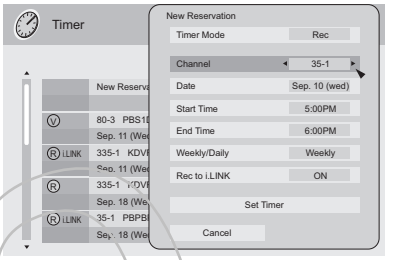
You can set the two timers: Record and view. The timer starts the recording or turns to the channel you set for it automatically.

Reservation

Press the TIMER button

▲▼ To New Reservation

Press the OK button



▼ To Timer Mode

◀▶ To select Rec or View

▼ To Channel

◀▶ To select the channel you want to set the timer for

▼ To Date

◀▶ To select the date

▼ To Start Time

◀▶ To set the start time

▼ To End Time

◀▶ To set end time

▼ To Weekly/Daily

◀▶ To select Once, Weekly, Daily(Sun.-Sat.), Daily(Mon.-Sat.) or Daily(Mon.-Fri.)

▼ To Rec to i.LINK

◀▶ To select ON or OFF

▼ To Set Timer

Press the OK button

If you set the Rec on timer mode, set recording R *is added in front of the program title.*

If you set the View on timer mode, set viewing V *is added in front of the program title.*

Notes:

- In order for the i.LINK timer setting to work, you must set the clock on your television. See page 61.
- When you want to edit the timer settings, see Timer Edit on page 82.

Digital Button Functions

Timer Edit

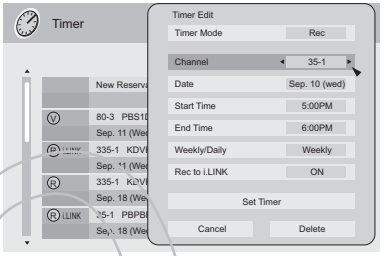
When you want to confirm the timer you set or edited, or delete the timer setting, use this function.

Timer Edition

Press the TIMER button

▲▼ To select the timer list you want to edit

Press the OK button



◀▶ ▲▼ To change the setting you want to edit

▼ To Set Timer

Press the OK button

Timer Deletion

Press the TIMER button

▲▼ To select the timer list you want to delete

Press the OK button

▲▼ To Delete

Press the OK button

Digital Button Functions

Cancel the timer recording

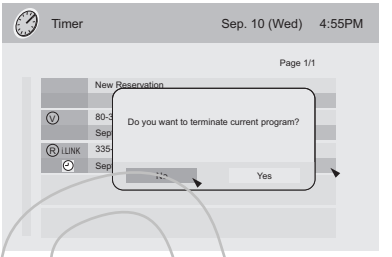
When you record a digital program now, you can cancel the recording.

Press the TIMER button

▲▼ To select the timer list you want to cancel the recording

Press the OK button

The message "Do you want to terminate current program ?" will appear.



◀▶ To select

YES: Cancel the recording
NO: Continue the recording

Press the OK button

Guide

You can view the program from the GUIDE.

Notes.

- The GUIDE function will only work when you are receiving digital programming only.
- The GUIDE will not show the correct time and date if you have not performed the set clock function on your television. See page 62.

OSD Information

Weak Signal

This OSD warning appears when the digital channel that you have selected is too weak to receive or no signal is being detected for that channel.

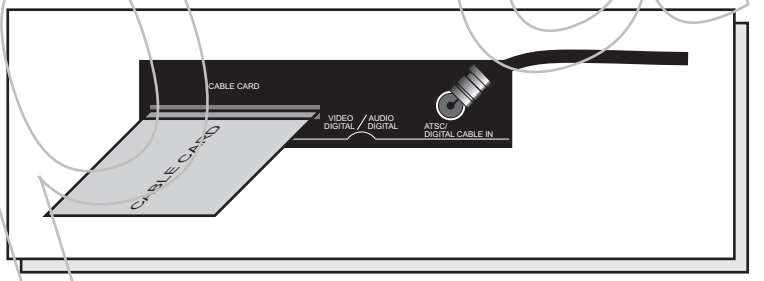
Cable Card Information

Cable card offers information when a cable card is inserted into the CABLE CARD slot on the back of the reciever.

Notes:

- Please contact your local cable company regarding detailed information.
- The Cable Card Slot is covered by a seal. Peel off the seal if you are going to use the Cable Card Slot. When you are finished using the Cable Card after you have pulled it out, place an attached seal to cover the slot to reduce radiated emmision.

Cable Card Connection



Note for inserting Cable Card:

- When you are watching a digital program, and if a weather or government emergency occurs, the following may occur automatically regardless of what channel you were watching: the channel may change, the screen will disappear or important text will appear on the screen. The information is transmitted from EAS (Emergency Alert System), Firmware Upgrade of Cable Card or compulsory HTML.

Troubleshooting

Refer to the table below to check the condition. If you think that there is a problem, contact the JVC Service Center where you purchased the television.

PROBLEMS	CHECK
There is no power	• See if the power cord became unplugged. • Check for a blown fuse or circuit breaker or a power outage.
There is no picture or sound	• The antenna could be disconnected. • The input mode could be set improperly. See page 66. • The tuner (Auto Tuner Setup) could be set improperly. See page 40. • The TV station may be having difficulties. Check to see if other stations are working.
Remote control is not operating properly or at all	• Check to see that the batteries are still working and properly installed. • Make sure the remote has a clear sight path to the TV. • Check that the TV/CATV switch is in the proper position. • You may be too far from the TV. You must be within 23 feet (7 meters).
You cannot select a certain channel	• Make sure the channels have been programmed. See "Channel Summary", page 41. • Check to see if the channel is locked. See "Channel Summary - Lock" page 42.
The power turns off by itself	• Make sure the set did not become unplugged. • Perhaps the On/Off Timer is set. See page 63 • Check to see if the Sleep Timer was set. See page 69.
It does not operate correctly	• This television is operated by a microprocessor. It is possible that external noise or interference is causing the problem. If the television does not function correctly, remove the electrical plug from the wall outlet and wait a while before inserting it into the wall outlet again and operating the television.
The clock is wrong	• The power was interrupted and the clock was not reset. See page 62.
The color quality is poor	• Tint and Color may be improperly adjusted. See page 58. • The Video Status mode may be turned to the wrong setting. See page 68.
There are lines across the picture	• There could be interference from another electrical appliance, such as a computer, another TV or VCR. Move any such appliances further away from the TV.
The picture is spotted	• There could be interference from a high-wattage appliance, like a hairdryer or vacuum, operating nearby. Move the antenna away from the appliance or change to a coaxial cable connection which is less prone to interference.
There are double pictures (ghosts)	• A building or passing airplane can reflect the original signal and produce a second, slightly delayed one. Adjust your antenna position.
Picture is snowy (image noise)	• Your antenna may be damaged, disconnected or turned. Check the antenna connection. If the antenna is damaged, replace it.
Screen is 80% black	• The Closed Caption Text mode is on. Turn it off in the Closed Caption Menu, page 50.
Stereo or bilingual programs can't be heard	• Make sure the MTS settings are correct. See page 69.

Troubleshooting

PROBLEMS	CHECK
There is no sound from the TV's speaker	• The Center CH Input may be turned on. See page 57. • The TV Speaker option may be turned off. See page 56.
Static electricity	• It is normal to feel static electricity if you brush or touch the screen.
You hear occasional crackling sounds	• It is normal for the TV to make crackling sounds when first turned on or off. Unless the sound or picture become abnormal, this is fine.
The AUTO DEMO finished automatically	• The TV recieved a signal from the AV CompuLink • The On Timer that you programmed has started. • The channel that the AUTO DEMO is using is a channel that is blocked by V-Chip. • The Auto Shut Off that you programed has occured.
It does not operate correctly	• Press the CHANNEL- and VOLUME- buttons on the front panel of the TV simultaneously for a few seconds. The Digital Tuner will be reset. If this does not reset it correctly, unplug the power cord and plug it back in.

The following are not malfunctions.

- The television may make a creaking sound if the temperature of the room or the temperature of the inside of the television changes. If there is no problem with the screen or sound, then there is no need to worry.
- Although the picture may be temporarily disturbed and noise may be seen on the screen if the power is turned on immediately after it has been turned off, this is not a malfunction.
- If the television is used at a location above 2,000 m, a buzzing noise and image distortion may occur. This phenomenon is peculiar to PDP (Plasma Display Panel), and could occur with any television using PDP. It is not a malfunction.

LIMITED WARRANTY

COLOR TV 1-1

For Canadian model televisions, see separate sheets for Canadian Warranty information.

JVC COMPANY OF AMERICA (JVC) warrants this product and all parts thereof, except as set forth below ONLY TO THE ORIGINAL RETAIL PURCHASER to be FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP from the date of original purchase for the period shown below. ("The Warranty Period")
FOR DIRECT-VIEW COLOR TELEVISION, PICTURE TUBE is covered for Two(2)years.

Parts	Labor
1 YEAR	1 YEAR

THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND IN THE COMMONWEALTH OF PUERTO RICO.

WHAT WE WILL DO:

If this product is found to be defective within the warranty period, JVC will repair or replace defective parts with new or rebuilt equivalents at no charge to the original owner. Such repair and replacement services shall be rendered by JVC during normal business hours at JVC authorized service centers. Parts used for replacement are warranted only for the remainder of the Warranty Period. All products may be brought to a JVC authorized service center on a carry-in basis. Color televisions with a screen size of 27" or greater qualify for in-home service. In such cases, a technician will come to your home and either repair the TV there or remove and return it if it cannot be repaired in your home.

WHAT YOU MUST DO FOR WARRANTY SERVICE:

Please do not return your product to the retailer

Instead, return your product to the JVC authorized service center nearest you. If shipping the product to the service center, please be sure to package it carefully, preferably in the original packaging, and include a brief description of the problem(s). Please call 1-800-252-5722 to locate the nearest JVC authorized service center. Service locations can also be obtained from our website http://www.jvc.com. If your product qualifies for in-home service, the service representative will require clear access to the product.

If you have any questions concerning your JVC Product, please contact our Customer Care Center at 800-252-5722

WHAT IS NOT COVERED:

This limited warranty provided by JVC does not cover:

1. Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products, or if the model or serial number has been altered, tampered with, defaced or removed;
2. Initial installation, installation and removal from cabinets or mounting systems.
3. Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning;
4. Damage that occurs in shipment, due to act of God, and cosmetic damage;
5. Signal reception problems and failures due to line power surge;
6. Video Pick-up Tubes/CCD Image Sensors are covered for 90 days from the date of purchase;
7. Accessories;
8. Batteries (except that Rechargeable Batteries are covered for 90 days from the date of purchase);
9. Products used for commercial purposes, including, but not limited to rental.

There are no express warranties except as listed above.

THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN.

JVC SHALL NOT BE LIABLE FOR ANY LOSS OF USE OF THE PRODUCT, INCONVIENCE, OR ANY OTHER DAMAGES, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTAL (INCLUDING, WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion of incidental or consequential damages or limitations on how long an implied warranty lasts, so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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Wayne, NJ 07470
http://www.jvc.com

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For customer use:

Enter below the Model No. and Serial No. which is located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

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Purchase date : _____ Name of dealer : _____

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Caution

To prevent electrical shock, do not open the cabinet.
There are no user serviceable parts inside.
Please refer to qualified service personnel for repairs.

BT-51011-8
(0504)

Specifications

Model	PD-42X795	PD-50X795
Type	Plasma Screen	
Reception Format	NTSC, BTSC System (Multi-Channel Sound) ATSC Terrestrial, Digital Cable	
Reception Range	VHF 2 to 13, UHF 14 to 69 CATV 135 Sub, Mid, Super, Hyper and Ultra bands (191 channel frequency synthesizer system) • Reception of channel A-5 ("95" of the TV set's on-screen cable channel numbers) is not recommended for your TV set.	
Power Source	AC 120V, 60 Hz	
Power Consumption	TV: 369W Receiver: 38W	TV: 468W Receiver: 38W
Screen Size	42 inch / 107.5 cm measured diagonally, 16:9 ratio	50 inch / 127 cm measured diagonally, 16:9 ratio
Audio Output	20W + 20W	
Speakers	DD Speaker : (3 3/4 x 7 7/16 inch / 9.5 cm x 1 cm) oval x 2 Tweeter: (13/16 inch / 2 cm) round x 2 Woofer (5 1/8 x 2 9/16 / 13 cm x 6.5 cm) oval x 2	
Antenna Terminal (VHF/UHF, ATSC/DIGITAL CABLE IN)	75 ohms (VHF/UHF)(F-type connector)	
External Input Jacks	Video: 1 Vp-p, 75 ohms Audio: 500 mVrms (-4dBs) high impedance	
Component Input Jack	Y: 1Vp-p positive, 75 ohms (negative sync provided) Pb/Pr: 0.7 Vp-p 75 ohms	
S-Video Input Jacks	Y: 1Vp-p positive, 75 ohms (negative sync provided) C: 0.286 Vp-p (burst signal), 75 ohms	
Monitor/Recording Output	Video: 1Vp-p, 75ohms Y: 1Vp-p positive, 75 ohms (negative sync provided) C: 0.286 Vp-p (burst signal), 75 ohms Audio: 250mVrms (-10dBs) Fs-18dB Low Impedance	
Audio Output Jacks (VARI/FIX)	VARI: More than 0 to 1000mVrms (+2.2dBs) FIX: 500mVrms (-4dBs) Low impedance (400 Hz when modulated 100%)	
Subwoofer Output Jack	More than 0 to 1000mVrms (+2.2dBs) Low impedance (80 Hz when modulated 100%)	
Optical Output Digital Audio	Digital Out (optical) x 1	
i.LINK In/Out Jack	TS IN/OUT (4-pin, S400) x 2 IEEE1394 compliant DTCP digital copy protection compatible	
PC Input Jack	Analog RGB D-SUB (15 pin) x 1 • PC signal is available. Refer to page 25 for details on the signals which can be input.	
AV CompuLink III Jack	3.5 mm mini jack x 1	
Digital–In	HDMI jack x 1 Note: The Digital–In terminal is not compatible with picture signals of a personal computer	
Dimensions (in) W X H X D (cm)	TV: 45 3/4 x 28 7/8 x 4 1/4 TV: 116 x 73.1 x 10.8	TV: 53 1/4 x 33 x 4 3/8 TV: 135 x 83.6 x 11
	Receiver: 17 1/4 x 2 7/8 x 12 3/8 Receiver: 43.5 x 7 x 31.3	
Weight (lbs / kg)	TV: 83.6 / 38	TV: 112.2 / 51
	Receiver: 9.5 / 4.3	
Accessories	Refer to "unpacking your TV", page 9	

Specifications subject to change without notice.

* Rating Label is pasted at the bottom of the Receiver Unit.

Notes

adapto

JVC COMPANY OF AMERICA
Division of JVC Americas Corp.
1700 Valley Road
Wayne, New Jersey, 07470

JVC CANADA, INC.
21 Finchdene Square
Scarborough, Ontario
Canada, M1X 1A7

JVC

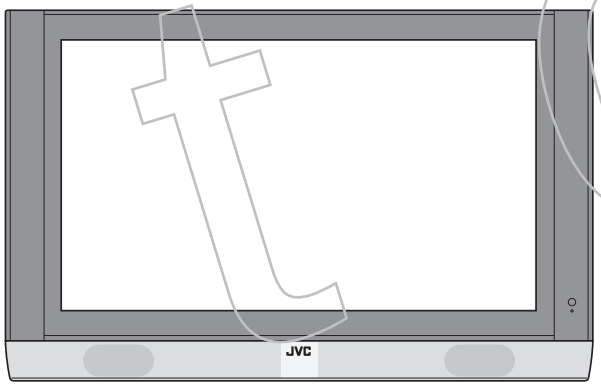
SCHEMATIC DIAGRAMS

PDP COLOR TELEVISION

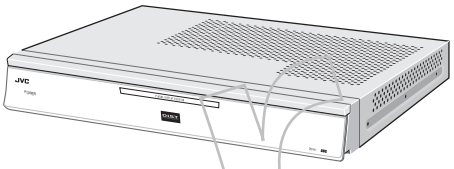
PD-42X795/S,
PD-50X795/Z

CD-ROM No.SML200502

BASIC CHASSIS
FP2



VM-42X795 / VM-50X795
[PLASMA DISPLAY UNIT]



TU-42X795 / TU-50X795
[RECEIVER UNIT]

I'Art Palette

D.I.S.T. Digital Image Scaling Technology

BBE

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

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No.YA100
2005/1

PD-42X795/S, PD-50X795/Z

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal	: Colour bar signal
(2)Setting positions of each knob/button and variable resistor	: Original setting position when shipped
(3)Internal resistance of tester	: DC 20kΩ/V
(4)Oscilloscope sweeping time	: H ⇒ 20μs / div
	: V ⇒ 5ms / div
	: Othters ⇒ Sweeping time is specified
(5)Voltage values	: All DC voltage values

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board : R209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

No unit	: [Ω]
K	: [kΩ]
M	: [MΩ]

● Rated allowable power

No indication	: 1/16 [W]
Others	: As specified

● Type

No indication	: Carbon resistor
OMR	: Oxide metal film resistor
MFR	: Metal film resistor
MPR	: Metal plate resistor
UNFR	: Uninflammable resistor
FR	: Fusible resistor

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

1 or higher	: [pF]
less than 1	: [μF]

● Withstand voltage

No indication	: DC50[V]
Others	: DC withstand voltage [V]
AC indicated	: AC withstand voltage [V]

∗ Electrolytic Capacitors

47/50[Example]: Capacitance value [μF]/withstand voltage[V]

● Type

No indication	: Ceramic capacitor
MM	: Metalized mylar capacitor
PP	: Polypropylene capacitor
MPP	: Metalized polypropylene capacitor
MF	: Metalized film capacitor
TF	: Thin film capacitor
BP	: Bipolar electrolytic capacitor
TAN	: Tantalum capacitor

(3)Coils

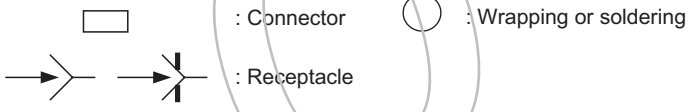
No unit	: [μH]
Others	: As specified

(4)Power Supply

∗ Respective voltage values are indicated

(5)Test point

(6)Connecting method



(7)Ground symbol

: LIVE side ground
: ISOLATED(NEUTRAL) side ground
: EARTH ground
: DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⏚) side GND. Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

NOTE

◆ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
When ordering parts, please use the numbers that appear in the Parts List.

CONTENTS

USING P.W. BOARD 2-3
SEMICONDUCTOR SHAPES 2-3
WIRING & MAIN PARTS LOCATION [PD-42X795] 2-5
WIRING & MAIN PARTS LOCATION [PD-50X795] 2-7
BLOCK DIAGRAM 2-9
CIRCUIT DIAGRAMS[RECEIVER UNIT]
RECEIVER PWB CIRCUIT DIAGRAM 2-11
ANALOG SIGNAL PWB CIRCUIT DIAGRAM 2-13
REAR JACK PWB CIRCUIT DIAGRAM 2-23
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM 2-25
FRONT CONTROL PWB CIRCUIT DIAGRAM 2-47
SD CARD PWB CIRCUIT DIAGRAM 2-49
SYSTEM POWER PWB CIRCUIT DIAGRAM 2-51
REGULATOR PWB CIRCUIT DIAGRAM 2-53
CIRCUIT DIAGRAMS[DISPLAY UNIT]
DISPLAY INTERFACE PWB CIRCUIT DIAGRAM 2-55
AUDIO PWB CIRCUIT DIAGRAM 2-61
TEMP. SENSOR PWB CIRCUIT DIAGRAM 2-65
DISPLAY LED PWB CIRCUIT DIAGRAM 2-66
DISPLAY SWITCH PWB CIRCUIT DIAGRAM 2-67
LINE FILTER PWB CIRCUIT DIAGRAM 2-69
MAIN POWER PWB CIRCUIT DIAGRAM [PD-42X795] 2-71
SUB POWER PWB CIRCUIT DIAGRAM 2-77
PATTERN DIAGRAMS[RECEIVER UNIT]
RECEIVER PWB PATTERN 2-79
ANALOG SIGNAL PWB PATTERN 2-81
REAR JACK PWB PATTERN 2-83
SD CARD PWB PATTERN 2-83
DIGITAL SIGNAL PWB PATTERN 2-85
FRONT CONTROL PWB PATTERN 2-89
SYSTEM POWER PWB PATTERN 2-91
REGULATOR PWB PATTERN 2-93
PATTERN DIAGRAMS[DISPLAY UNIT]
DISPLAY INTERFACE PWB PATTERN 2-95
AUDIO PWB PATTERN 2-99
LINE FILTER PWB PATTERN 2-101
TEMP. SENSOR PWB PATTERN 2-102
DISPLAY LED PWB PATTERN 2-102
DISPLAY SWITCH PWB PATTERN 2-102
MAIN POWER PWB PATTERN 2-103
SUB POWER PWB PATTERN 2-107
VOLTAGE CHARTS 2-109
WAVE FORMS 2-112

USING P.W. BOARD

[RECEIVER UNIT]

P.W.B ASS'Y name	TU-42X795	TU-50X795
RECEIVER P.W. BOARD	SFP0F501A-M2	←
ANALOG SIGNAL P.W. BOARD	SFP0A501A-M2	←
REAR JACK P.W. BOARD	SFP0J501A-M2	←
DIGITAL SIGNAL P.W. BOARD	SFP0D502A-M2	SFP0D501A-M2
FRONT CONTROL P.W. BOARD	SFP-8501A-M2	←
SD CARD P.W. BOARD	SFP-8505A-M2	←
SYSTEM POWER P.W. BOARD	SFP-9511A-M2	←
REGULATOR P.W. BOARD	SFP-9507A-M2	←

[DISPLAY UNIT]

P.W.B ASS'Y name	VM-42X795	VM-50X795
DISPLAY INTERFACE P.W. BOARD	SFP-7504A-M2	SFP-7503A-M2
AUDIO P.W. BOARD	SFP-6502A-M2	SFP-6501A-M2
TEMP. SENSOR P.W. BOARD	SSB-8381A-M2	←
DISPLAY LED P.W. BOARD	SSB0L285A-M2	←
DISPLAY SWITCH P.W. BOARD	SSB0L385A-M2	←
LINE FILTER P.W. BOARD	SFP-9509A-M2	SFP-9508A-M2
MAIN POWER P.W. BOARD	SFP-9503A-M2	—
SUB POWER P.W. BOARD	SFP-9505A-M2	—

SEMICONDUCTOR SHARPES

TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
E C B	E C B	B C E (G) (D) (S)	E C B	E C B	CHIP TR C B E

IC

BOTTOM VIEW	FRONT VIEW			TOP VIEW
OUT E IN	IN E OUT	1 → N	1 → N	1 N

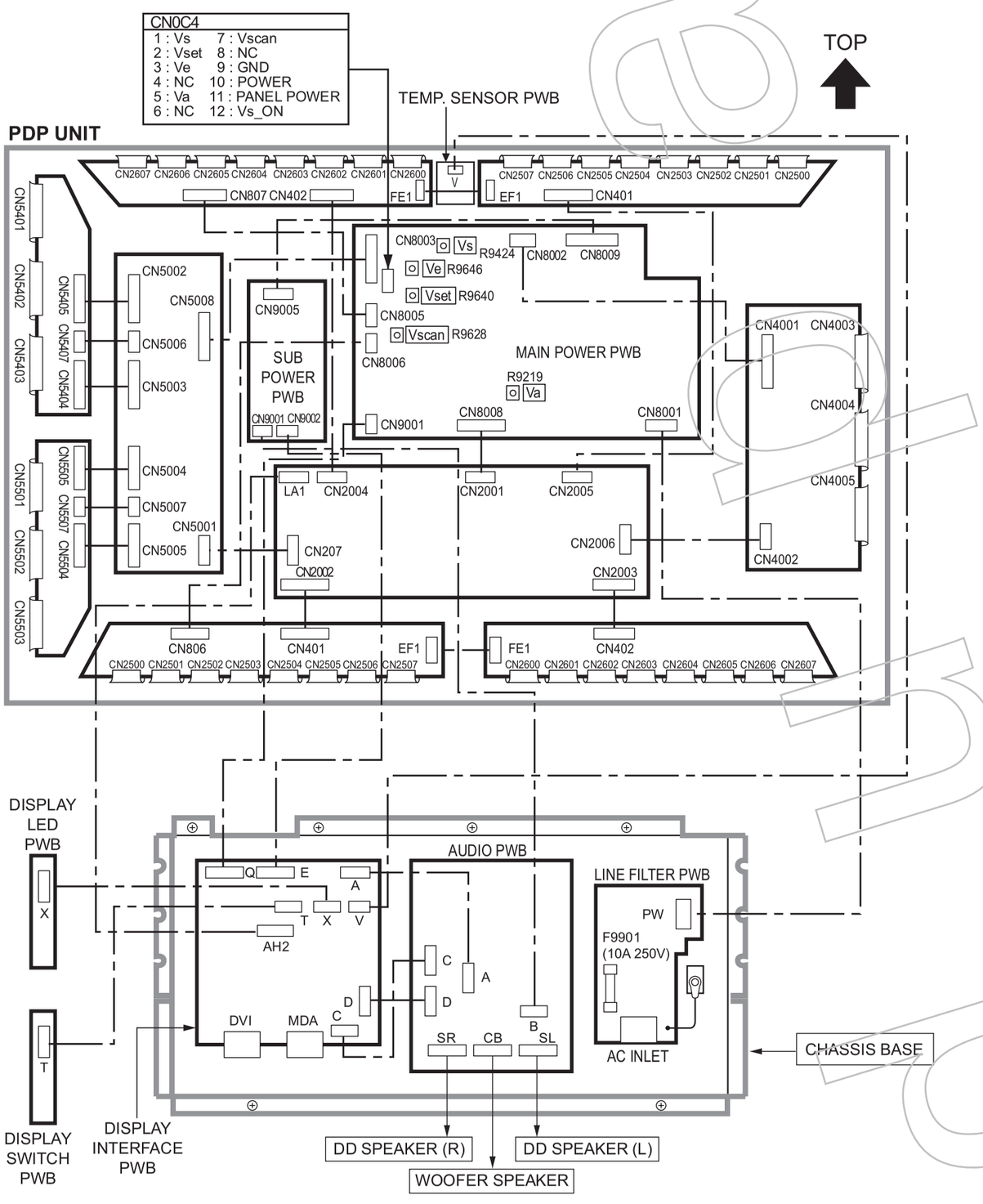
CHIP IC

TOP VIEW		
N 1	1 N	

duplicator

WIRING & MAIN PARTS LOCATION [PD-42X795]

[DISPLAY UNIT]



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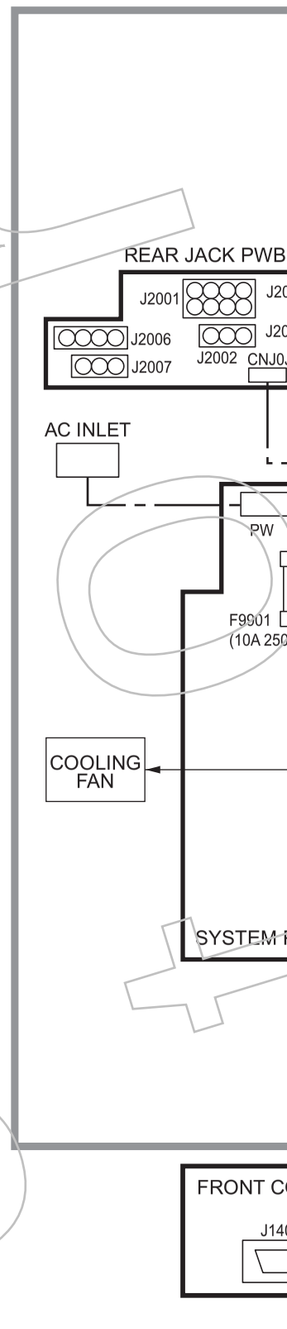
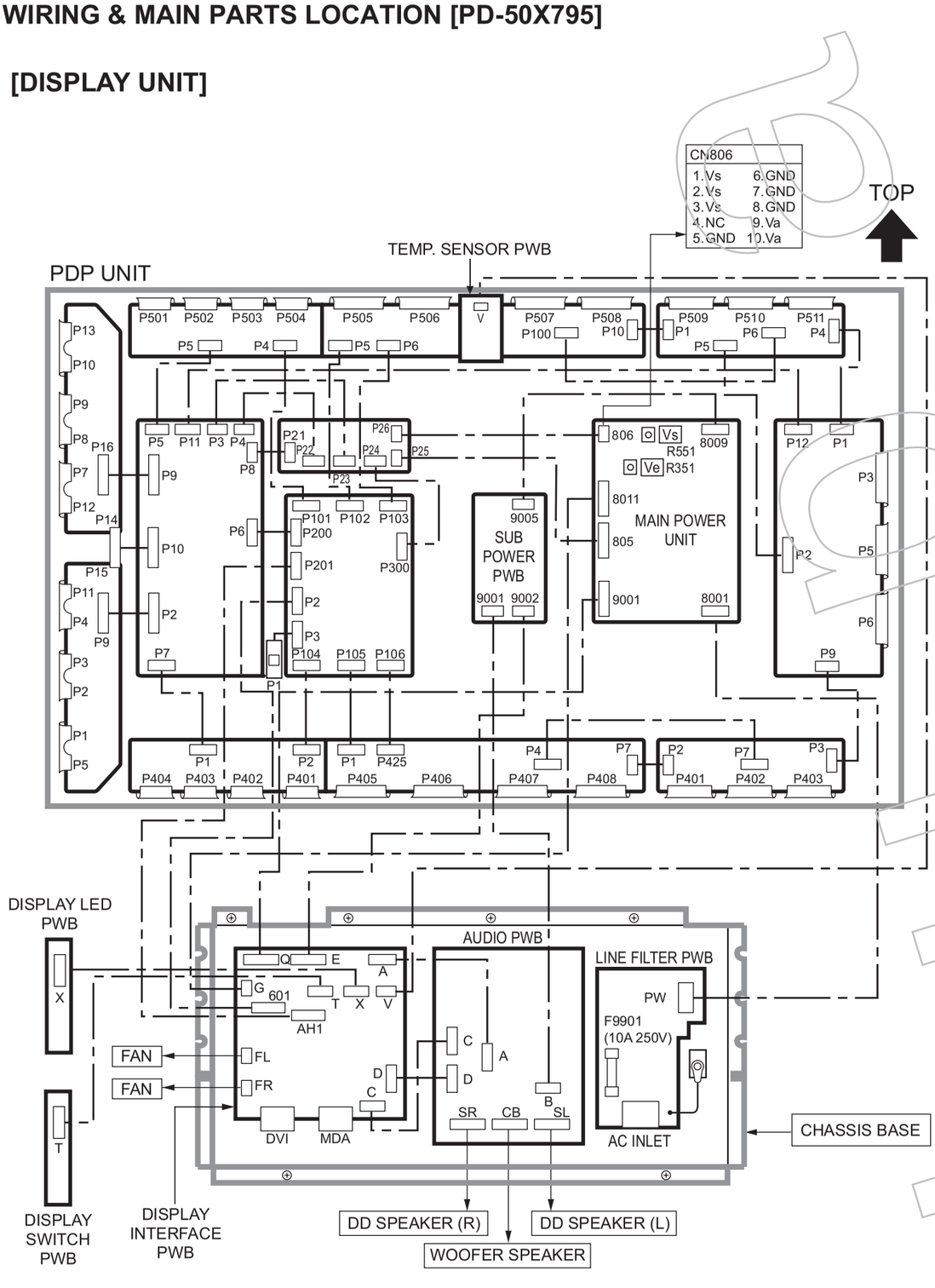


WIRING & MAIN PARTS LOCATION [PD-50X795]

[DISPLAY UNIT]



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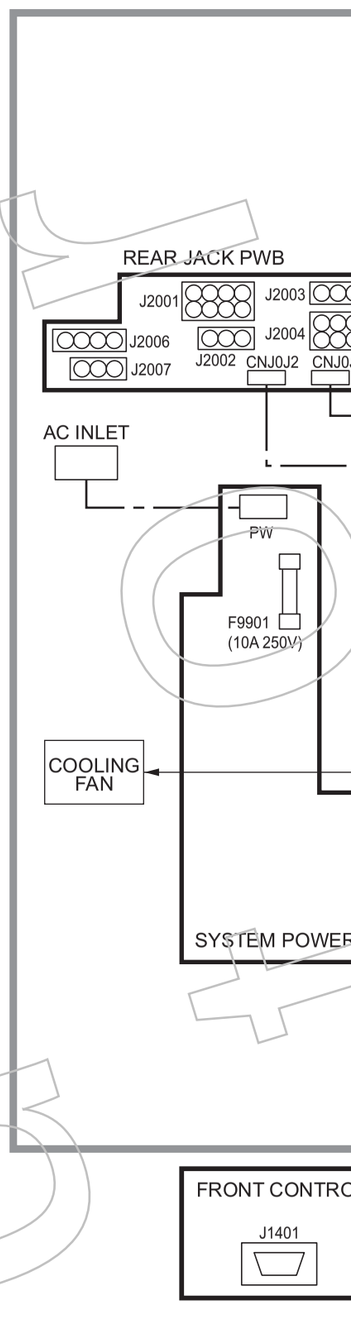
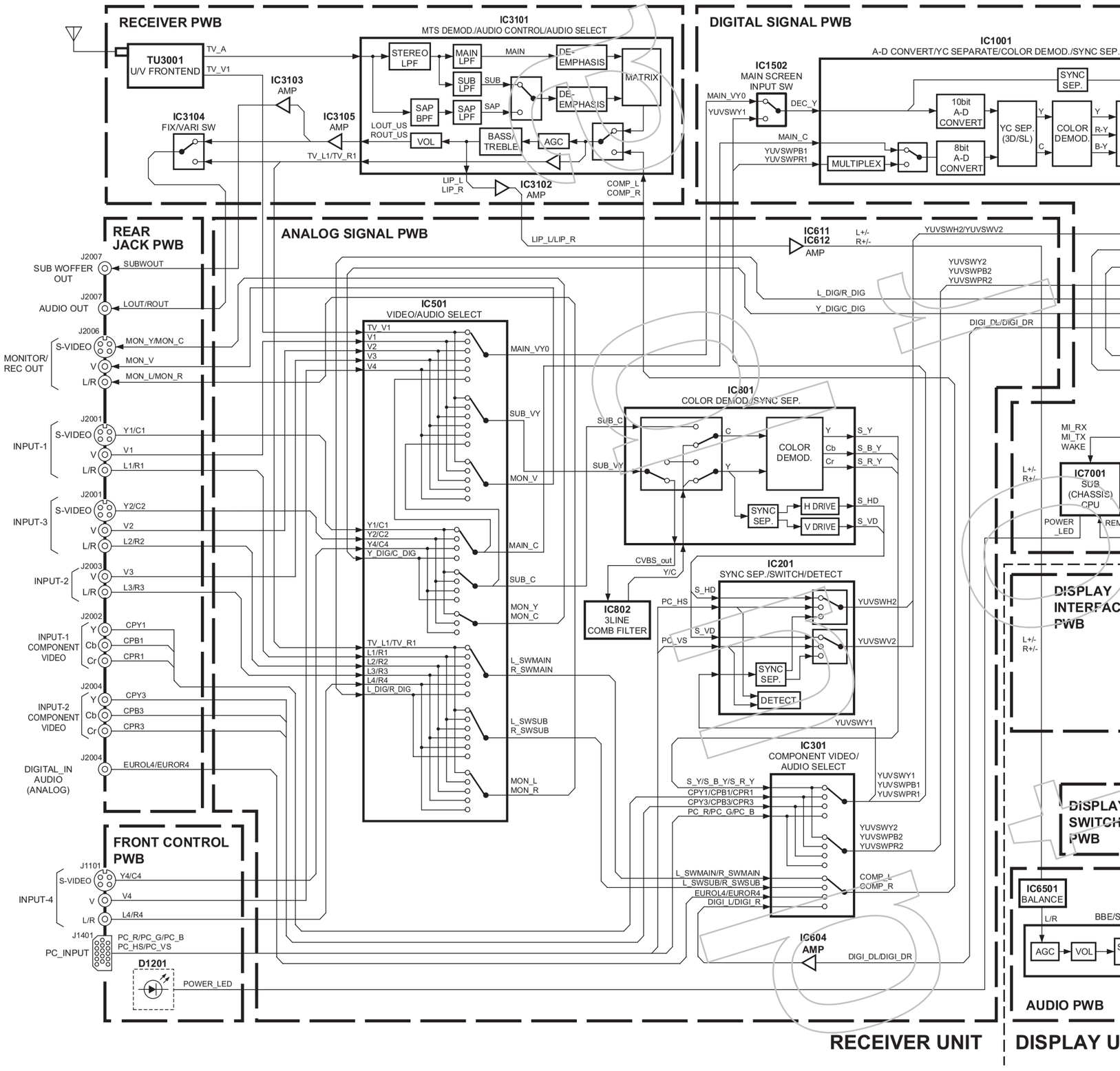
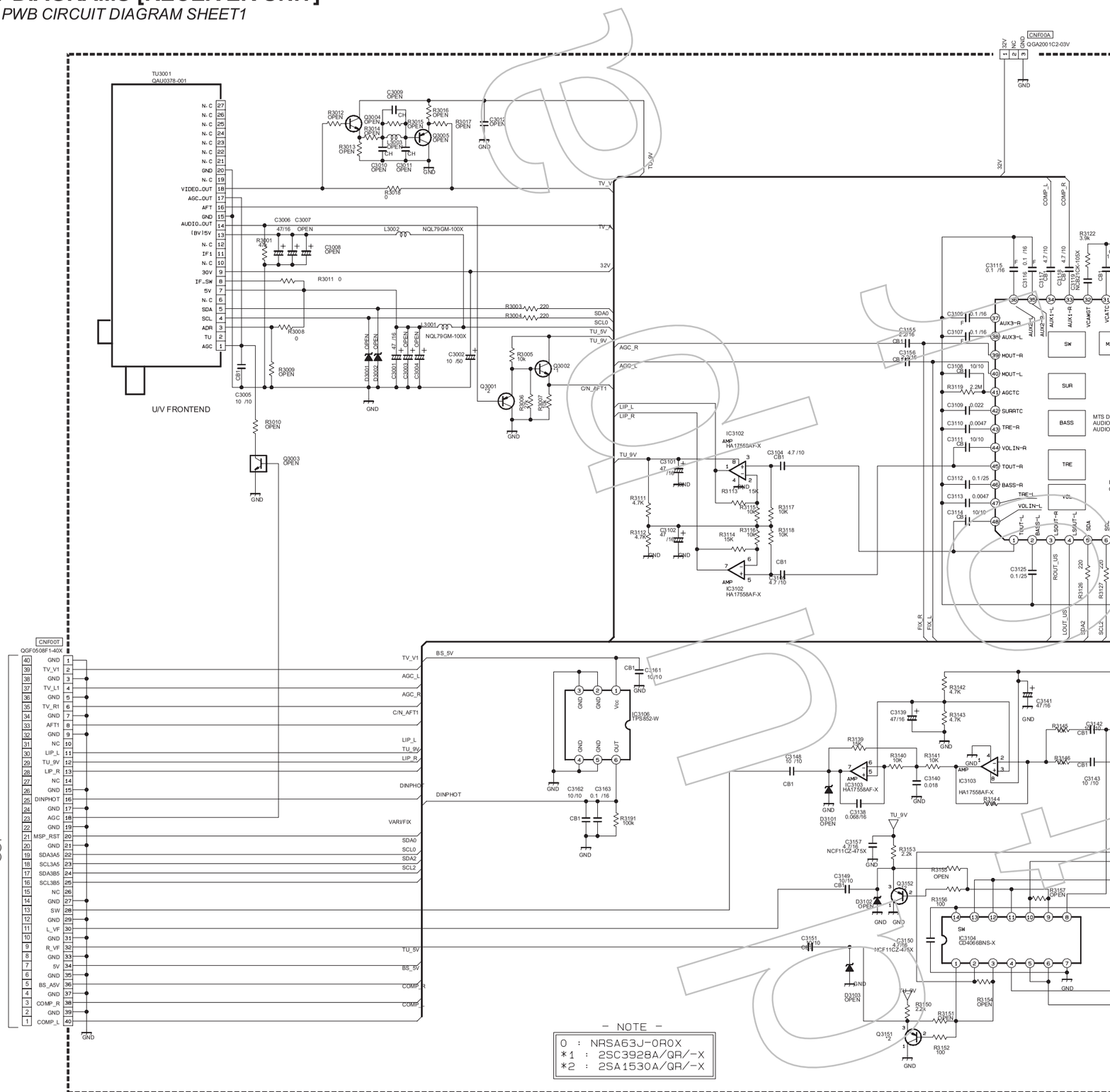


BLOCK DIAGRAM

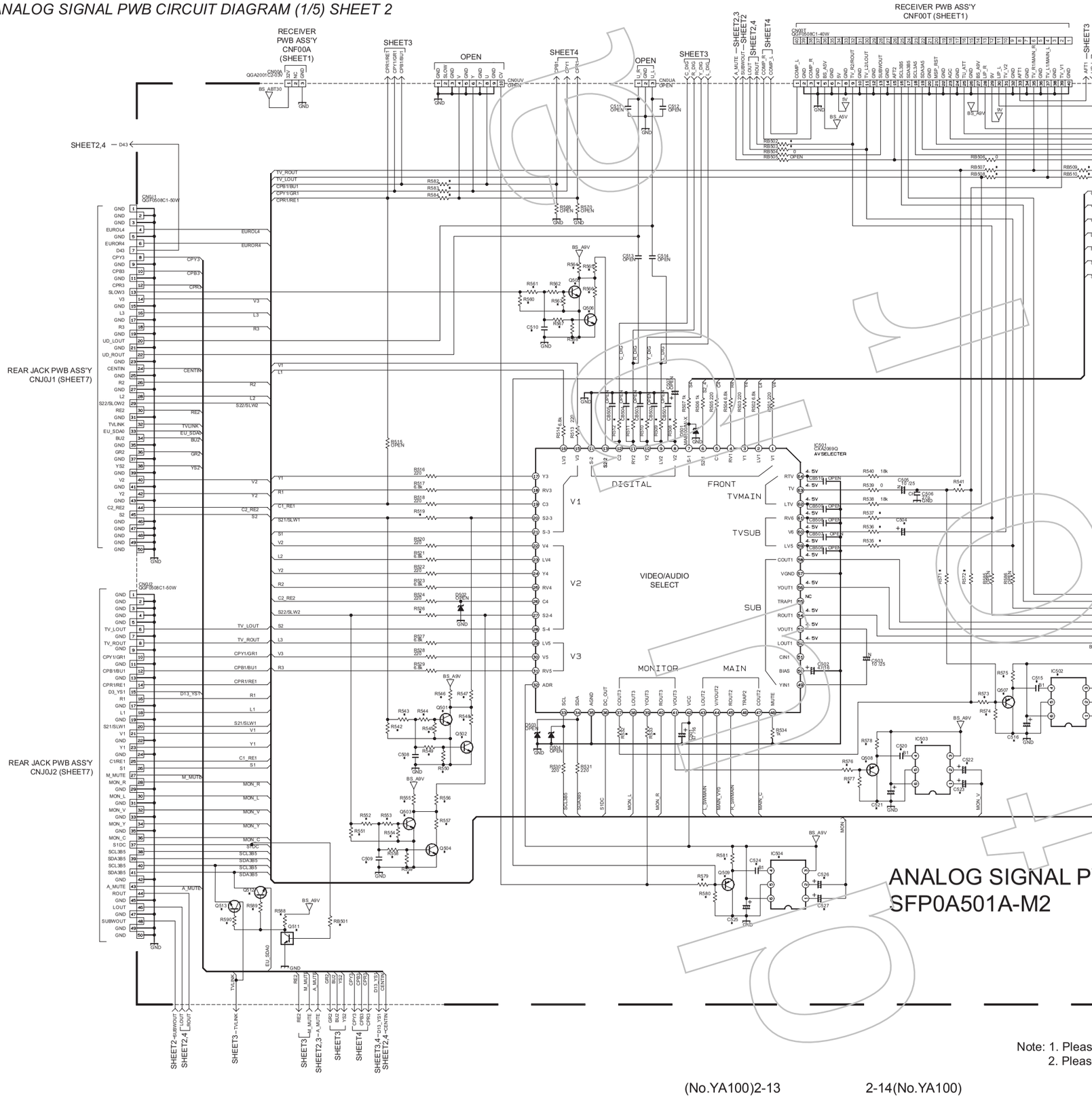


CIRCUIT DIAGRAMS [RECEIVER UNIT]

RECEIVER PWB CIRCUIT DIAGRAM SHEET1

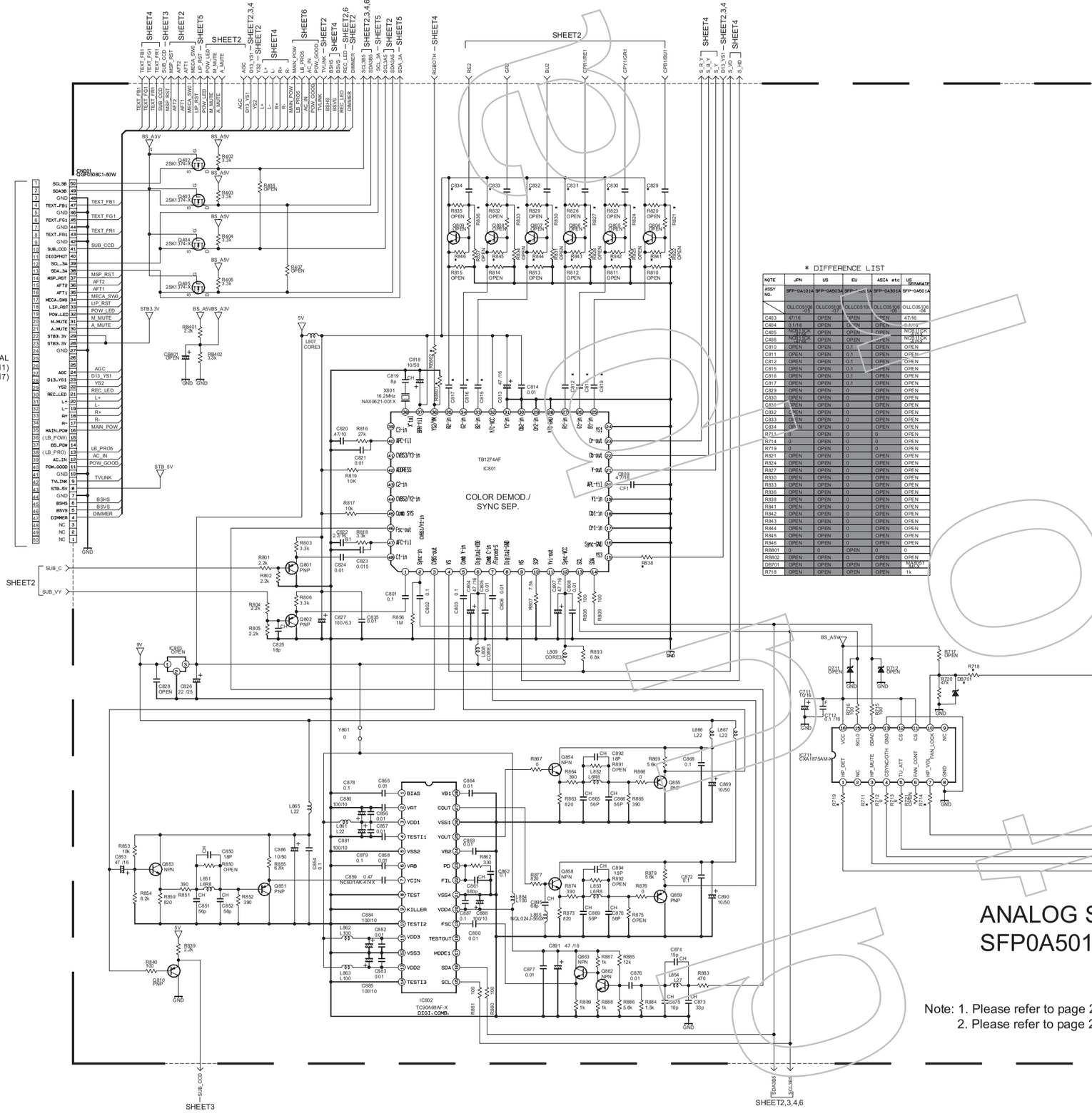


ANALOG SIGNAL PWB CIRCUIT DIAGRAM (1/5) SHEET 2



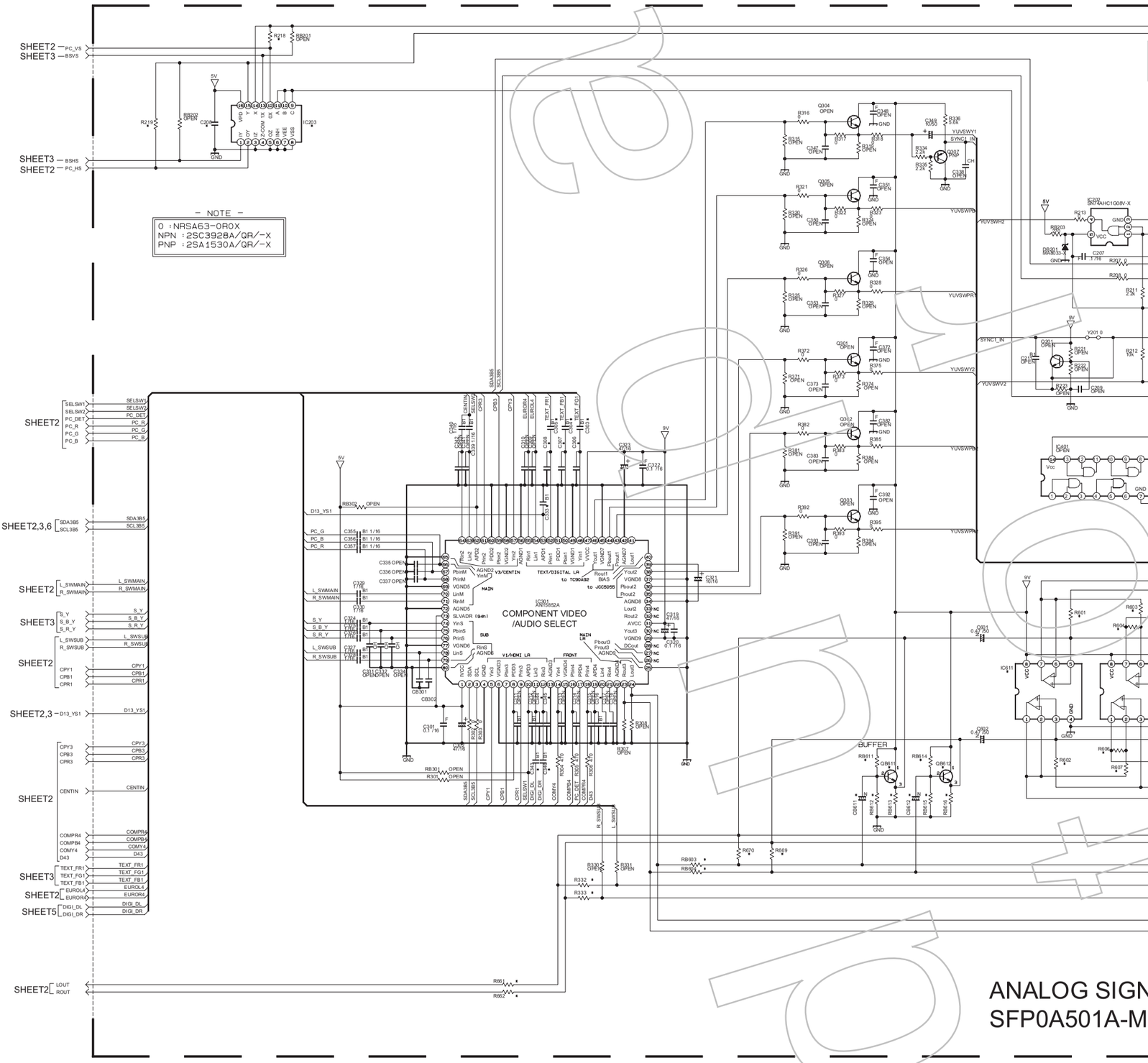
Note: 1. Pleas
2. Pleas

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (2/5) SHEET 3



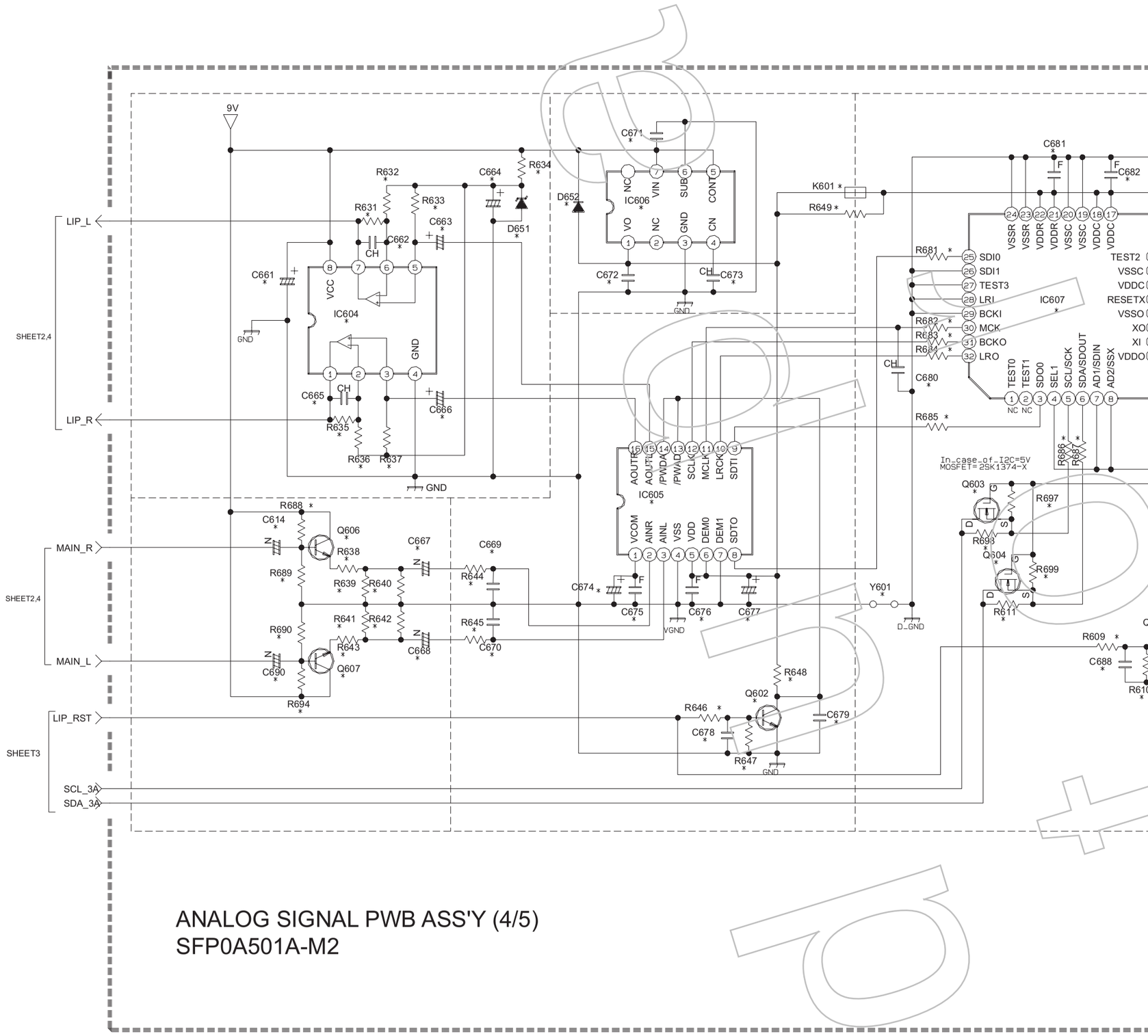
NOTE	JPN	US	EU	ASIA etc	US SEPARATE
ASSY NO.	SFP-0A501A	SFP-0A503A	SFP-0A501A	SFP-0A301A	SFP-0A501A
	OLLC051G -05	OLLC051G -05	OLLC051G -05	OLLC051G -06	OLLC051G -04
C403	47/16	OPEN	OPEN	OPEN	47/16
C404	0.1/16	OPEN	OPEN	OPEN	0.1/16
C405	NCB21JK	OPEN	OPEN	OPEN	NCB21JK
C406	NCB21JK	OPEN	OPEN	OPEN	NCB21JK
C810	OPEN	OPEN	0.1	OPEN	OPEN
C811	OPEN	OPEN	0.1	OPEN	OPEN
C812	OPEN	OPEN	0.1	OPEN	OPEN
C815	OPEN	OPEN	0.1	OPEN	OPEN
C816	OPEN	OPEN	0.1	OPEN	OPEN
C817	OPEN	OPEN	0.1	OPEN	OPEN
C829	OPEN	OPEN	0	OPEN	OPEN
C830	OPEN	OPEN	0	OPEN	OPEN
C831	OPEN	OPEN	0	OPEN	OPEN
C832	OPEN	OPEN	0	OPEN	OPEN
C833	OPEN	OPEN	0	OPEN	OPEN
C834	OPEN	OPEN	0	OPEN	OPEN
R714	0	OPEN	0	0	OPEN
R719	0	OPEN	0	0	OPEN
R821	OPEN	OPEN	0	OPEN	OPEN
R824	OPEN	OPEN	0	OPEN	OPEN
R827	OPEN	OPEN	0	OPEN	OPEN
R830	OPEN	OPEN	0	OPEN	OPEN
R833	OPEN	OPEN	0	OPEN	OPEN
R836	OPEN	OPEN	0	OPEN	OPEN
R838	OPEN	OPEN	0	OPEN	OPEN
R841	OPEN	OPEN	0	OPEN	OPEN
R842	OPEN	OPEN	0	OPEN	OPEN
R843	OPEN	OPEN	0	OPEN	OPEN
R844	OPEN	OPEN	0	OPEN	OPEN
R845	OPEN	OPEN	0	OPEN	OPEN
R846	OPEN	OPEN	0	OPEN	OPEN
R8801	0	OPEN	0	0	0
R8802	OPEN	OPEN	0	OPEN	OPEN
D8701	OPEN	OPEN	OPEN	OPEN	MOUNT
R710	OPEN	OPEN	OPEN	OPEN	1k

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (3/5) SHEET 4



Note: 1. Please refer to page 2-109 for voltages of this circuit diagram.
2. Please refer to page 2-112 for waveforms of this circuit diagram.

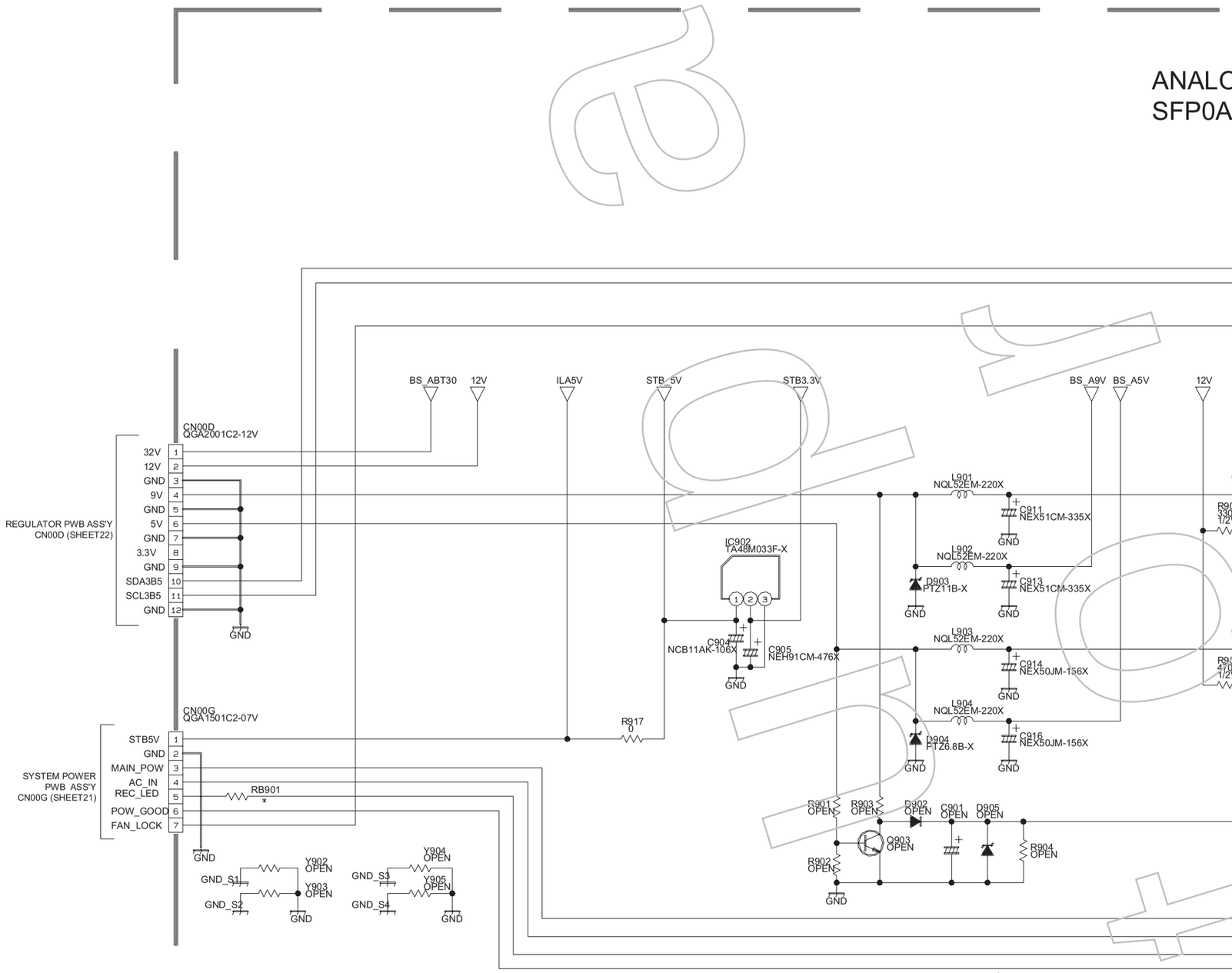
ANALOG SIGNAL PWB CIRCUIT DIAGRAM (4/5) SHEET 5



ANALOG SIGNAL PWB ASS'Y (4/5)
SFP0A501A-M2

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (5/5) SHEET 6

ANALO
SFP0A

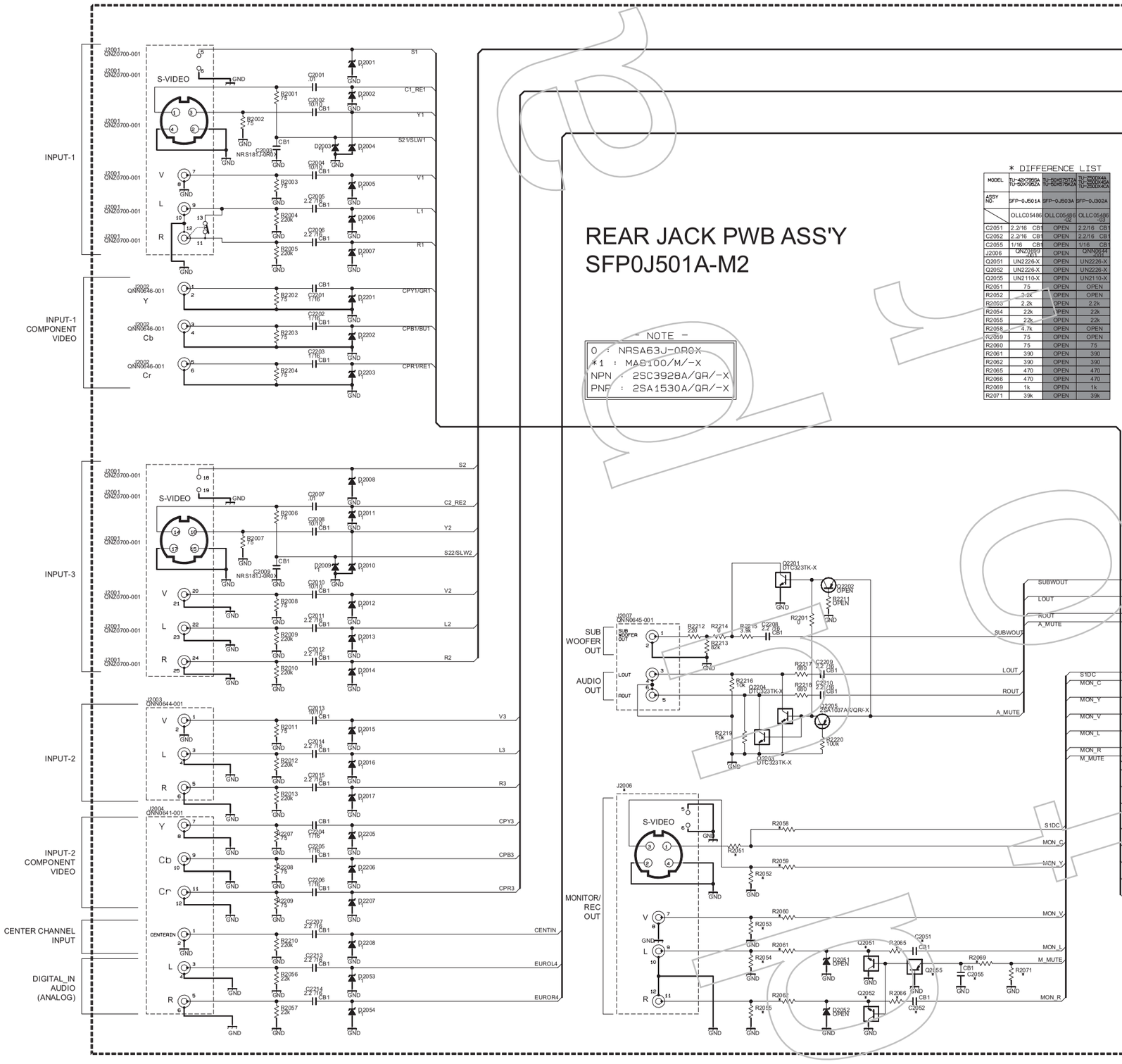


* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A
	OLLC05106 -05	OLLC05106 -07	OLLC05106	OLLC05106 -06	OLLC05106 -04
RB901	0	OPEN	OPEN	OPEN	OPEN

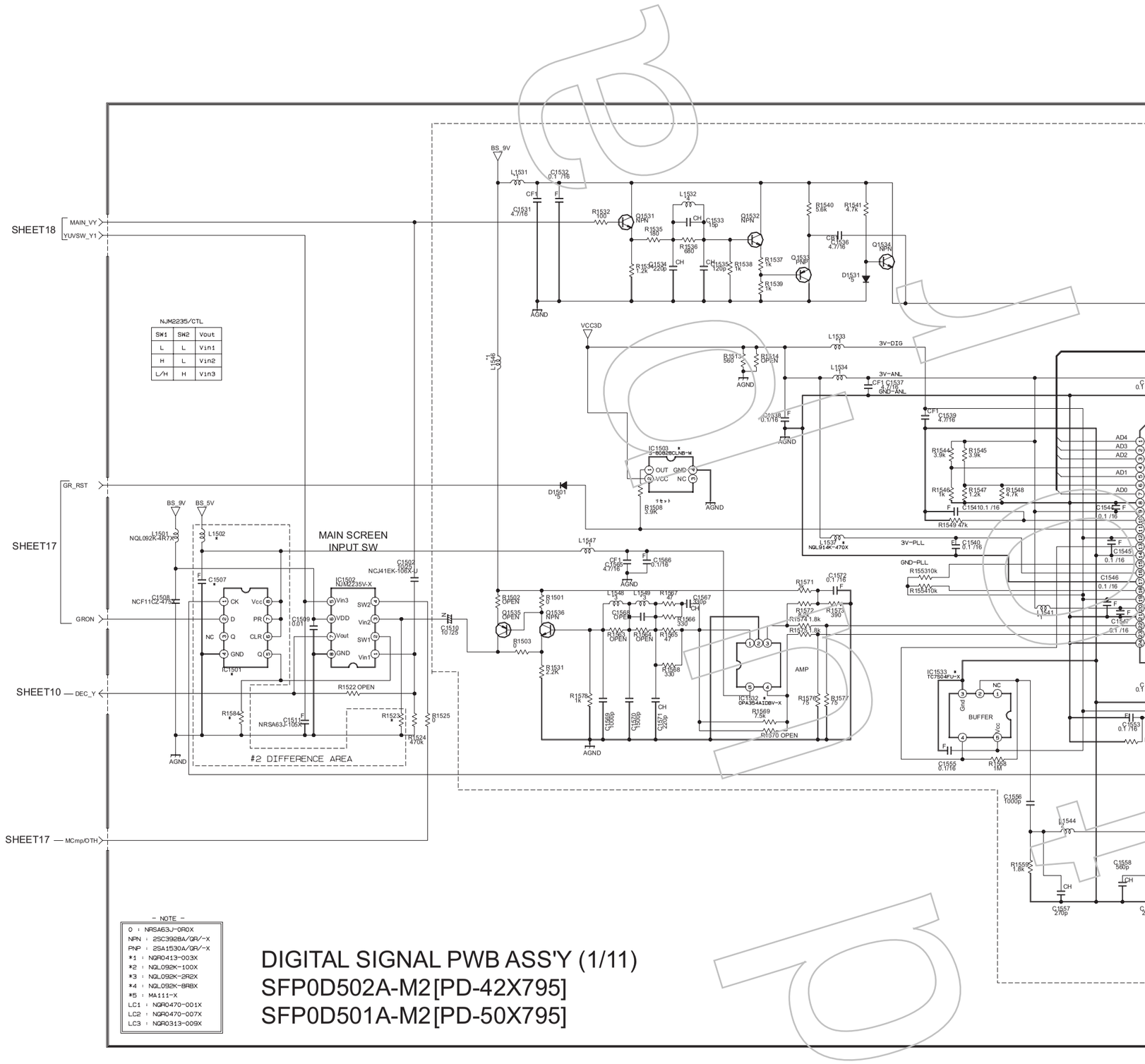
Note: Please refer to page 2-109 for voltages of this circuit diagram.

REAR JACK PWB CIRCUIT DIAGRAM SHEET 7



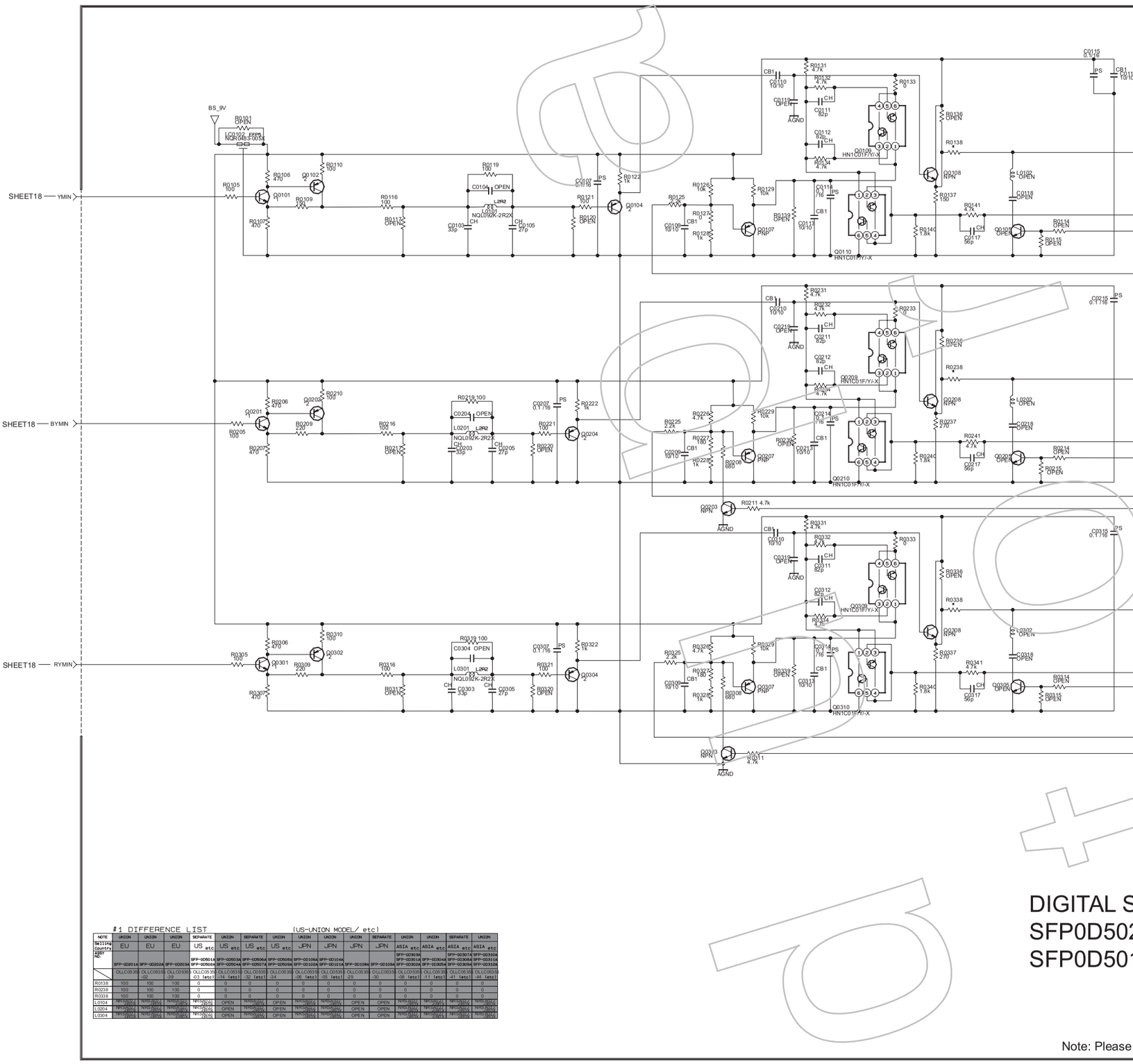
Note: Please refer to page 2-109 for voltages of this circuit diagram.

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (1/11) SHEET 8



DIGITAL SIGNAL PWB ASS'Y (1/11)
SFP0D502A-M2 [PD-42X795]
SFP0D501A-M2 [PD-50X795]

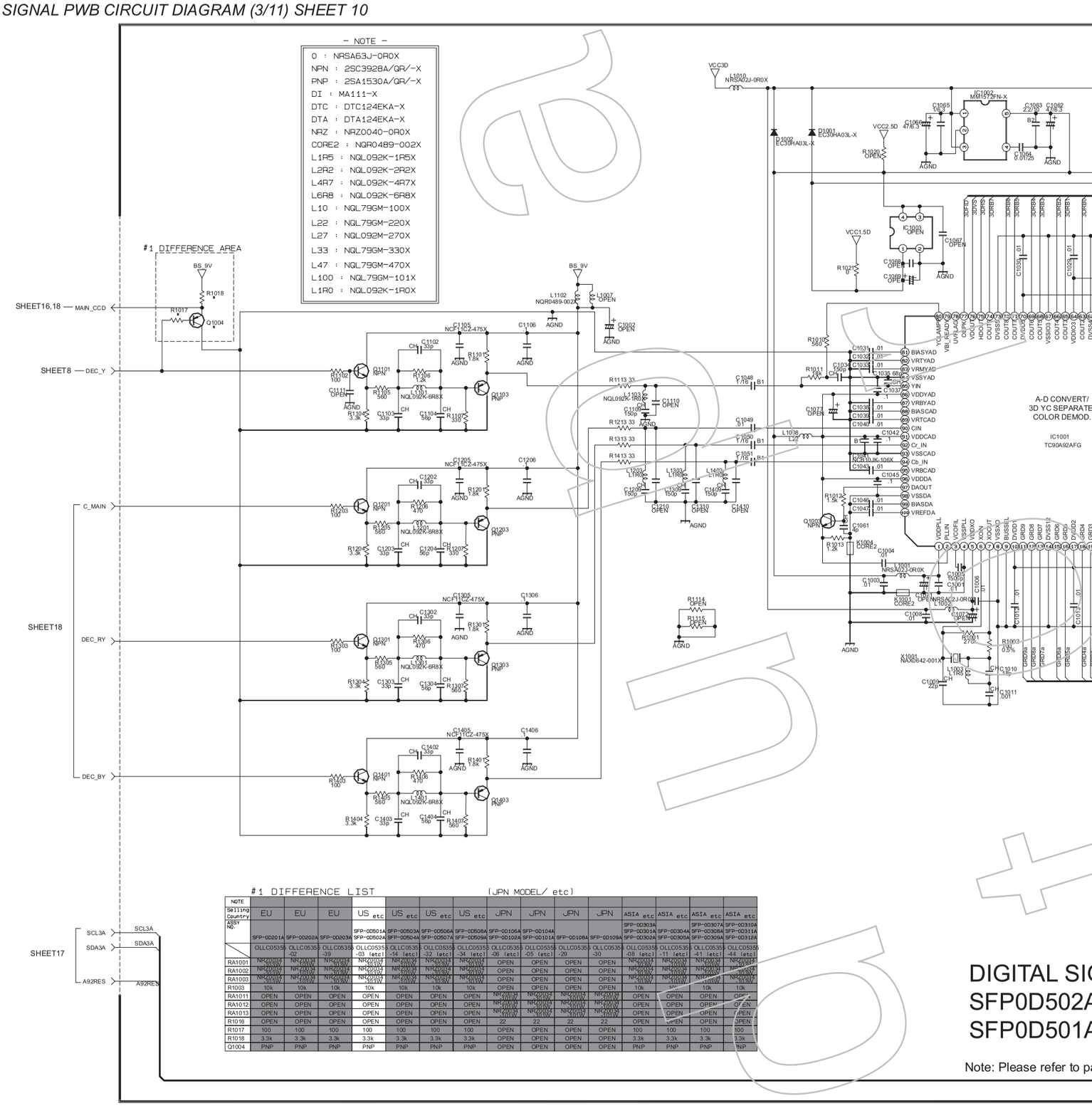
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (2/11) SHEET 9



#1 DIFFERENCE LIST (US-UNION MODEL/ etc)

NOTE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
Setting Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D501A SFP-0D502A	SFP-0D502A	SFP-0D503A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D504A SFP-0D507A	SFP-0D505A SFP-0D508A	SFP-0D106A SFP-0D109A	SFP-0D104A SFP-0D111A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D304A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A	SFP-0D311A SFP-0D312A
	OLLC0535	OLLC0535 -02	OLLC0535 -39	OLLC0535 -03 (etc)	OLLC0535 -14 (etc)	OLLC0535 -32 (etc)	OLLC0535 -34	OLLC0535 -06 (etc)	OLLC0535 -05 (etc)	OLLC0535 -29	OLLC0535 -30	OLLC0535 -08 (etc)	OLLC0535 -11 (etc)	OLLC0535 -41 (etc)	OLLC0535 -44 (etc)
R0138	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0
R0238	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0
R0338	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0
L0104	NRS2004	NRS2004	NRS2004	NRS2004	OPEN	NRS2004	OPEN	NRS2004	NRS2004	OPEN	OPEN	NRS2004	NRS2004	NRS2004	NRS2004
L0204	NRS2004	NRS2004	NRS2004	NRS2004	OPEN	NRS2004	OPEN	NRS2004	NRS2004	OPEN	OPEN	NRS2004	NRS2004	NRS2004	NRS2004
L0304	NRS2004	NRS2004	NRS2004	NRS2004	OPEN	NRS2004	OPEN	NRS2004	NRS2004	OPEN	OPEN	NRS2004	NRS2004	NRS2004	NRS2004

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (3/11) SHEET 10



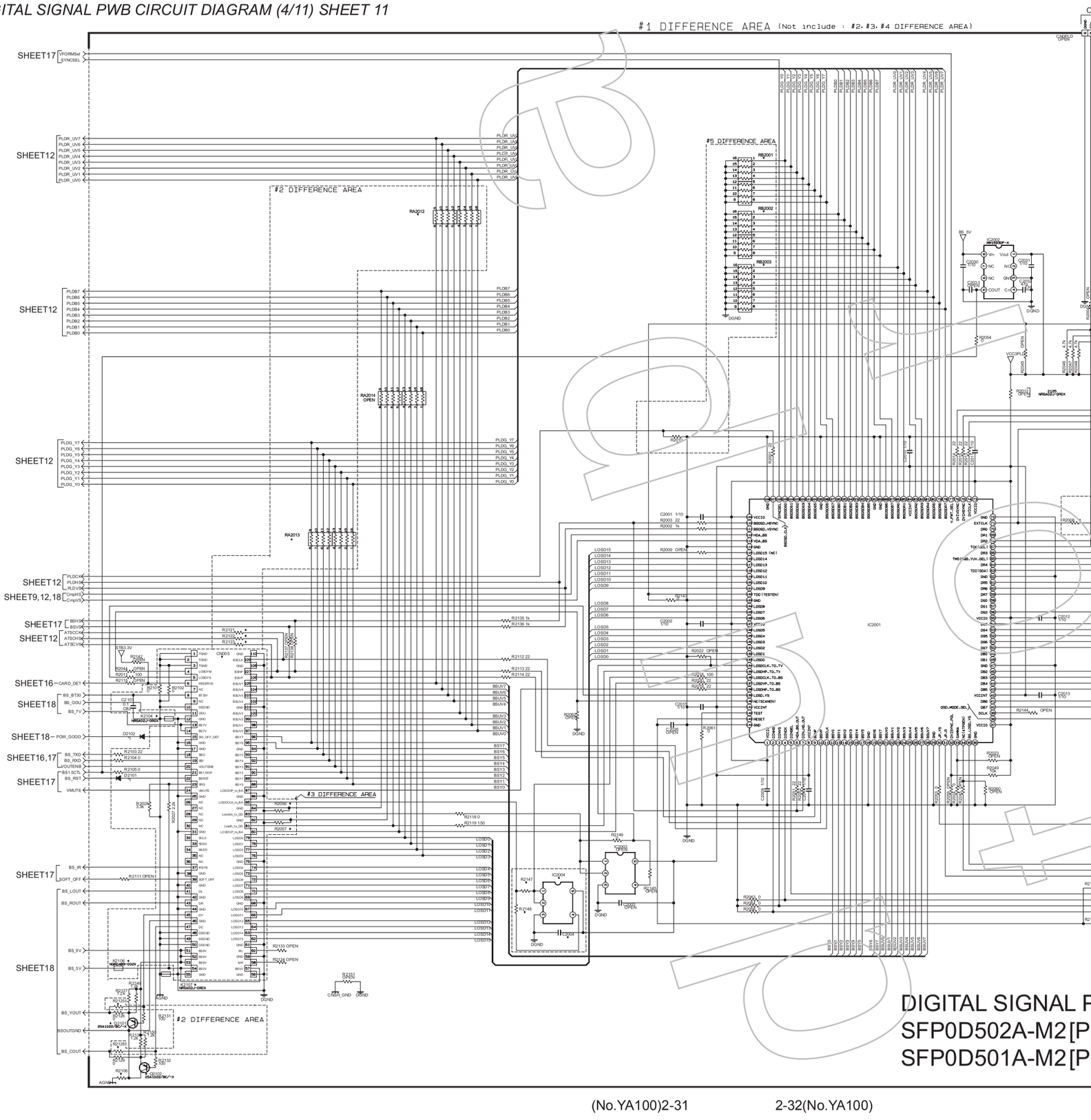
#1 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC0535	OLLC0535 -02	OLLC0535 -39	OLLC0535 -03 (etc)	OLLC0535 -14 (etc)	OLLC0535 -32 (etc)	OLLC0535 -34 (etc)	OLLC0535 -06 (etc)	OLLC0535 -05 (etc)	OLLC0535 -29	OLLC0535 -30	OLLC0535 -08 (etc)	OLLC0535 -11 (etc)	OLLC0535 -41 (etc)	OLLC0535 -44 (etc)
RA1001	NRA0000	NRA0000	NRA0000	NRA0000	NRA0000	NRA0000	NRA0000	OPEN	OPEN	OPEN	OPEN	NRA0000	NRA0000	NRA0000	NRA0000
RA1002	NRA0000	NRA0000	NRA0000	NRA0000	NRA0000	NRA0000	NRA0000	OPEN	OPEN	OPEN	OPEN	NRA0000	NRA0000	NRA0000	NRA0000
RA1003	NRA0000	NRA0000	NRA0000	NRA0000	NRA0000	NRA0000	NRA0000	OPEN	OPEN	OPEN	OPEN	NRA0000	NRA0000	NRA0000	NRA0000
R1003	10k	10k	10k	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k
RA1011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRA0000	NRA0000	NRA0000	NRA0000	OPEN	OPEN	OPEN	OPEN
RA1012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRA0000	NRA0000	NRA0000	NRA0000	OPEN	OPEN	OPEN	OPEN
RA1013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRA0000	NRA0000	NRA0000	NRA0000	OPEN	OPEN	OPEN	OPEN
R1016	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22	22	22	OPEN	OPEN	OPEN	OPEN
R1017	100	100	100	100	100	100	100	OPEN	OPEN	OPEN	OPEN	100	100	100	100
R1018	3.3k	3.3k	3.3k	3.3k	3.3k	3.3k	3.3k	OPEN	OPEN	OPEN	OPEN	3.3k	3.3k	3.3k	3.3k
Q1004	PNP	PNP	PNP	PNP	PNP	PNP	PNP	OPEN	OPEN	OPEN	OPEN	PNP	PNP	PNP	PNP

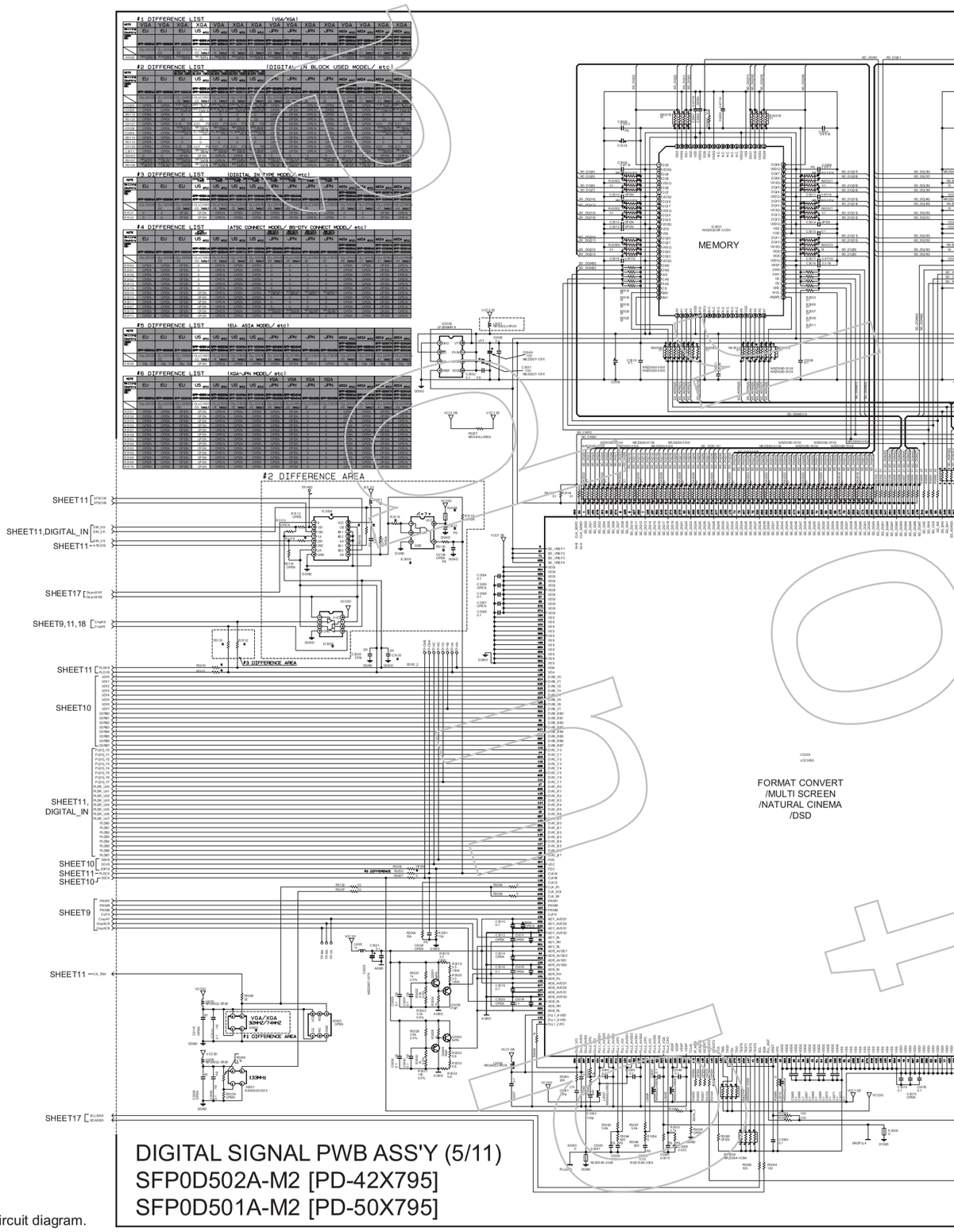
DIGITAL SIG
SFP0D502A
SFP0D501A

Note: Please refer to pa

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (4/11) SHEET 11



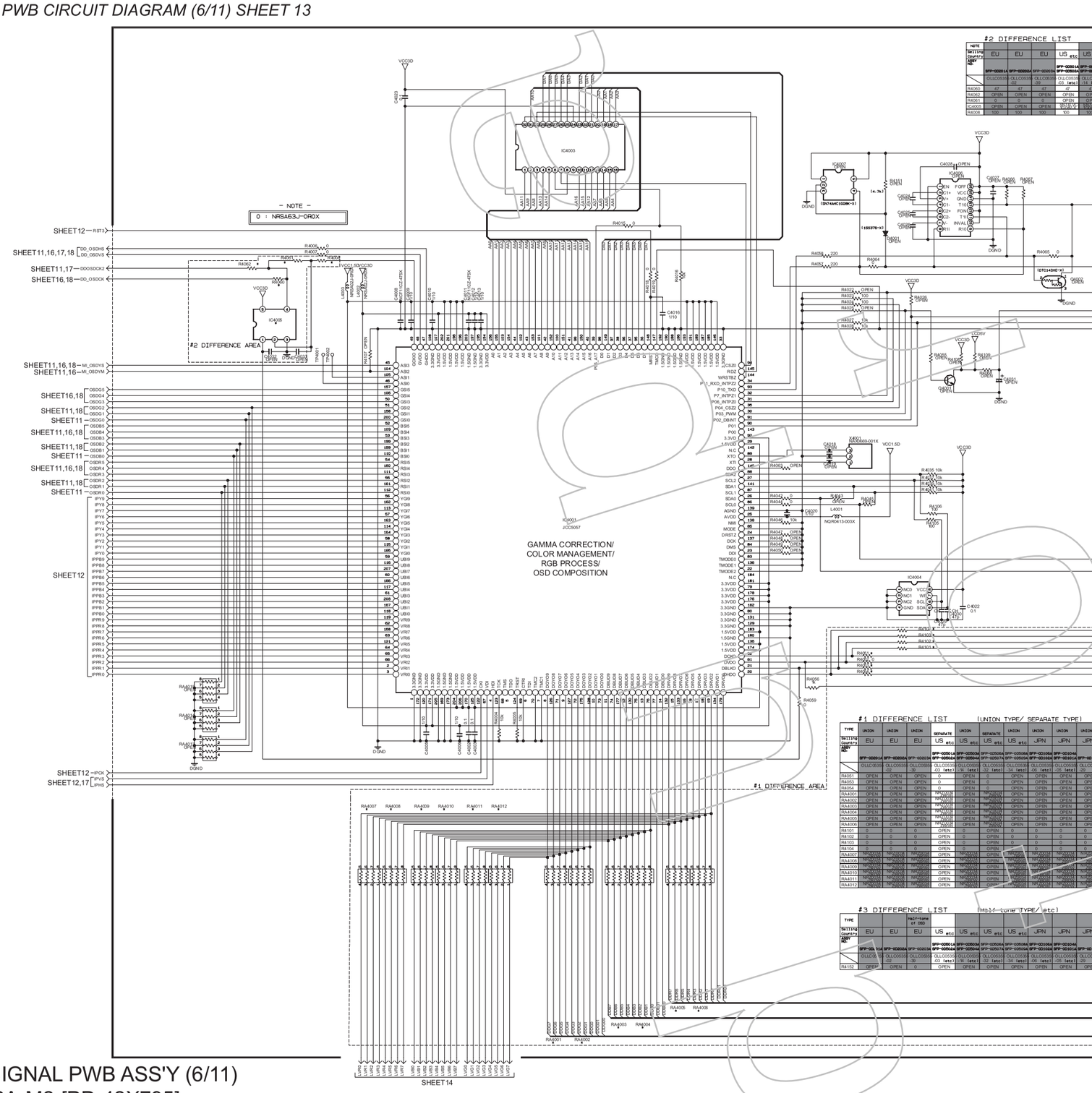
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (5/11) SHEET 12



DIGITAL SIGNAL PWB ASS'Y (5/11)
SFP0D502A-M2 [PD-42X795]
SFP0D501A-M2 [PD-50X795]

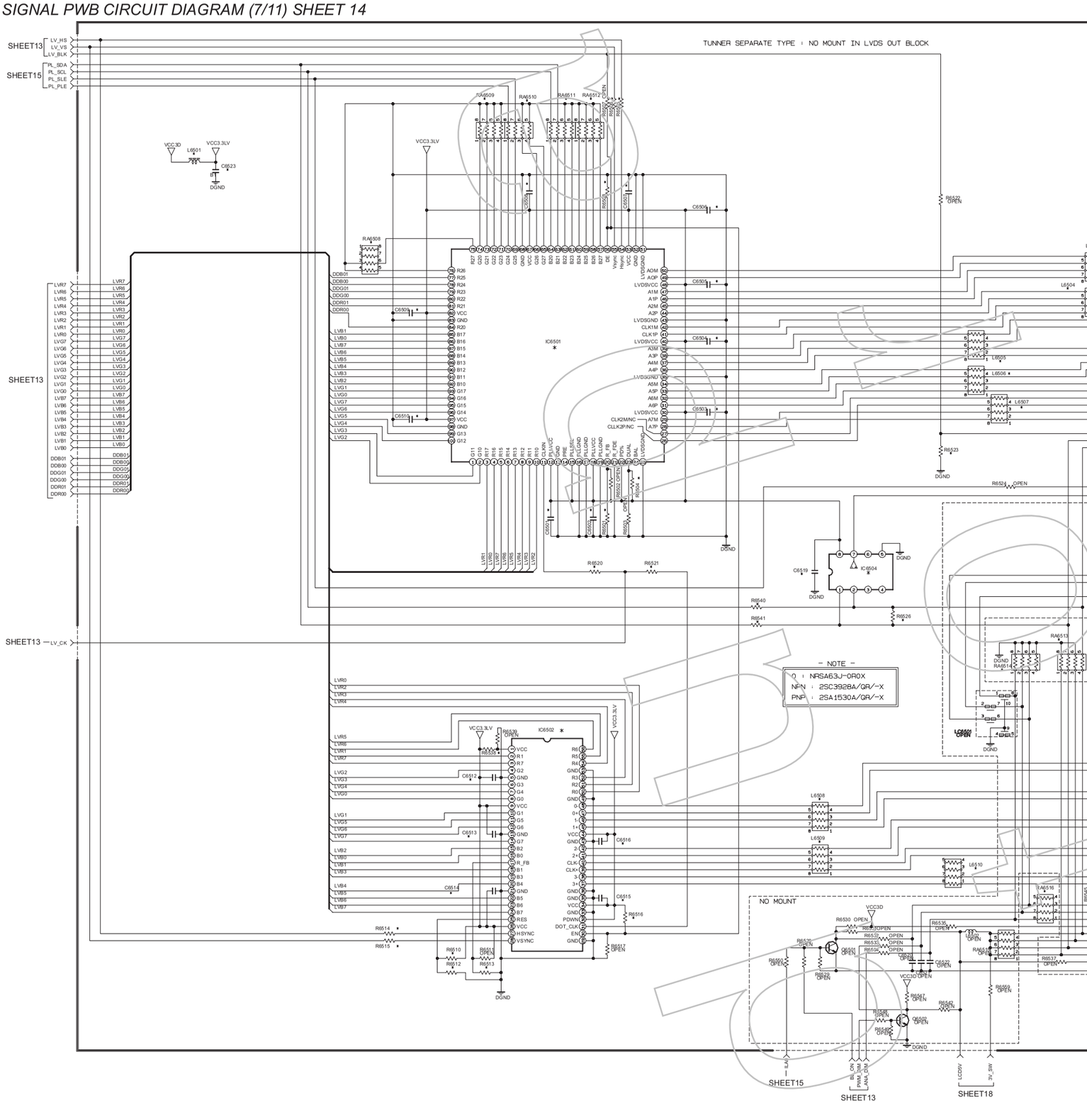
Note: Please refer to page 2-109 for voltages of this circuit diagram.

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (6/11) SHEET 13

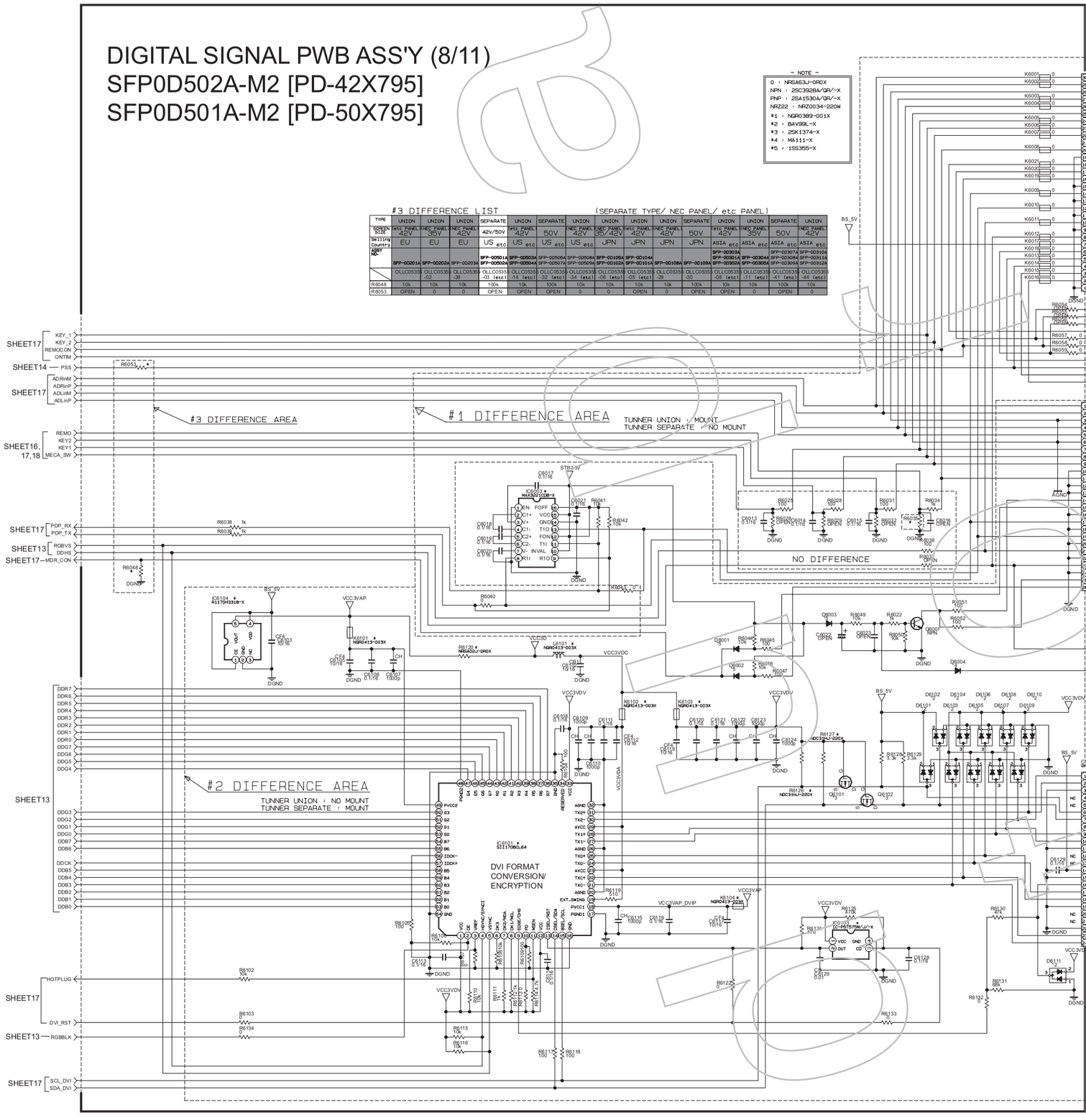


DIGITAL SIGNAL PWB ASS'Y (6/11)
SFP0D502A-M2 [PD-42X795]
SFP0D501A-M2 [PD-50X795]

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (7/11) SHEET 14

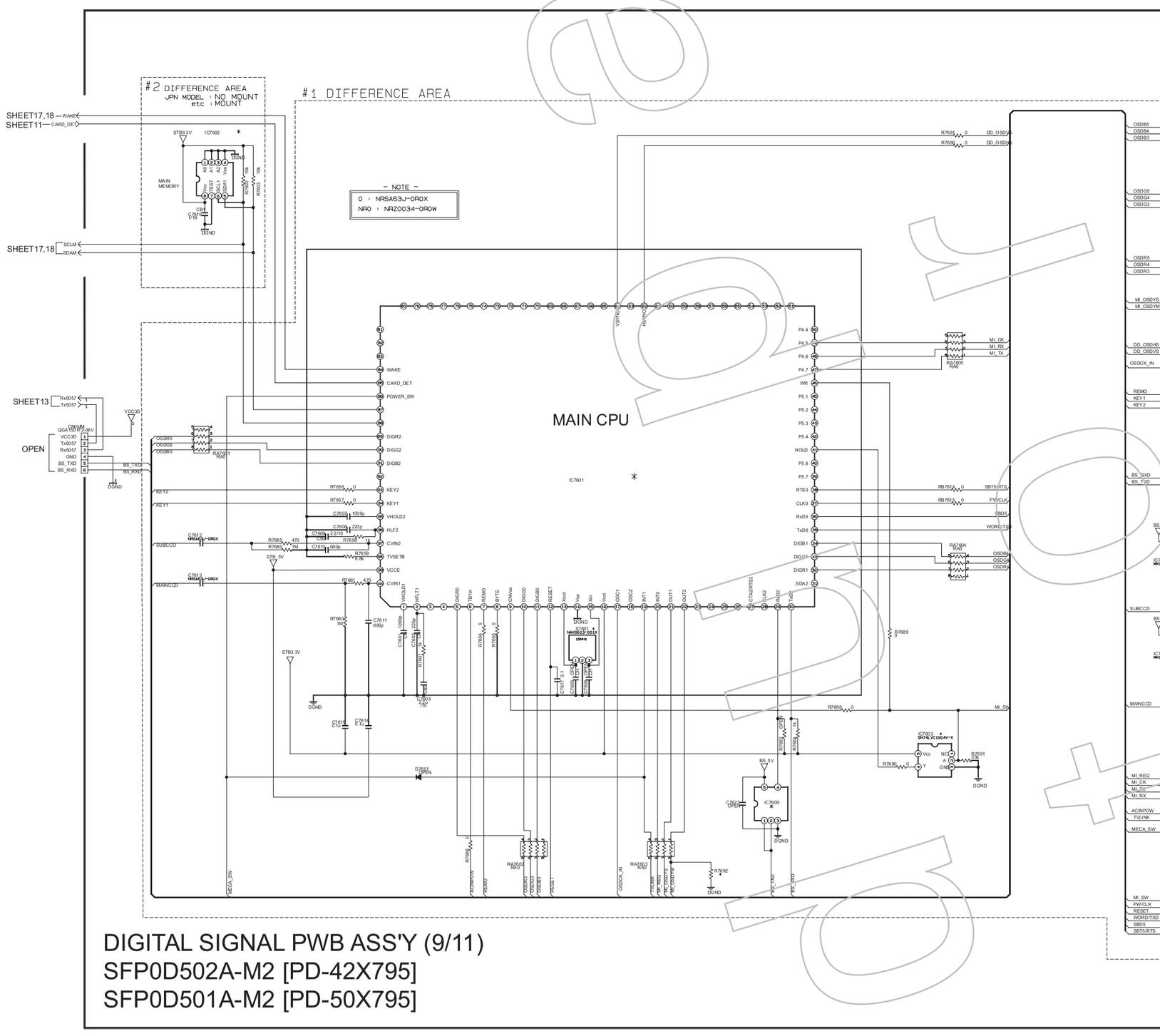


DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (8/11) SHEET 15



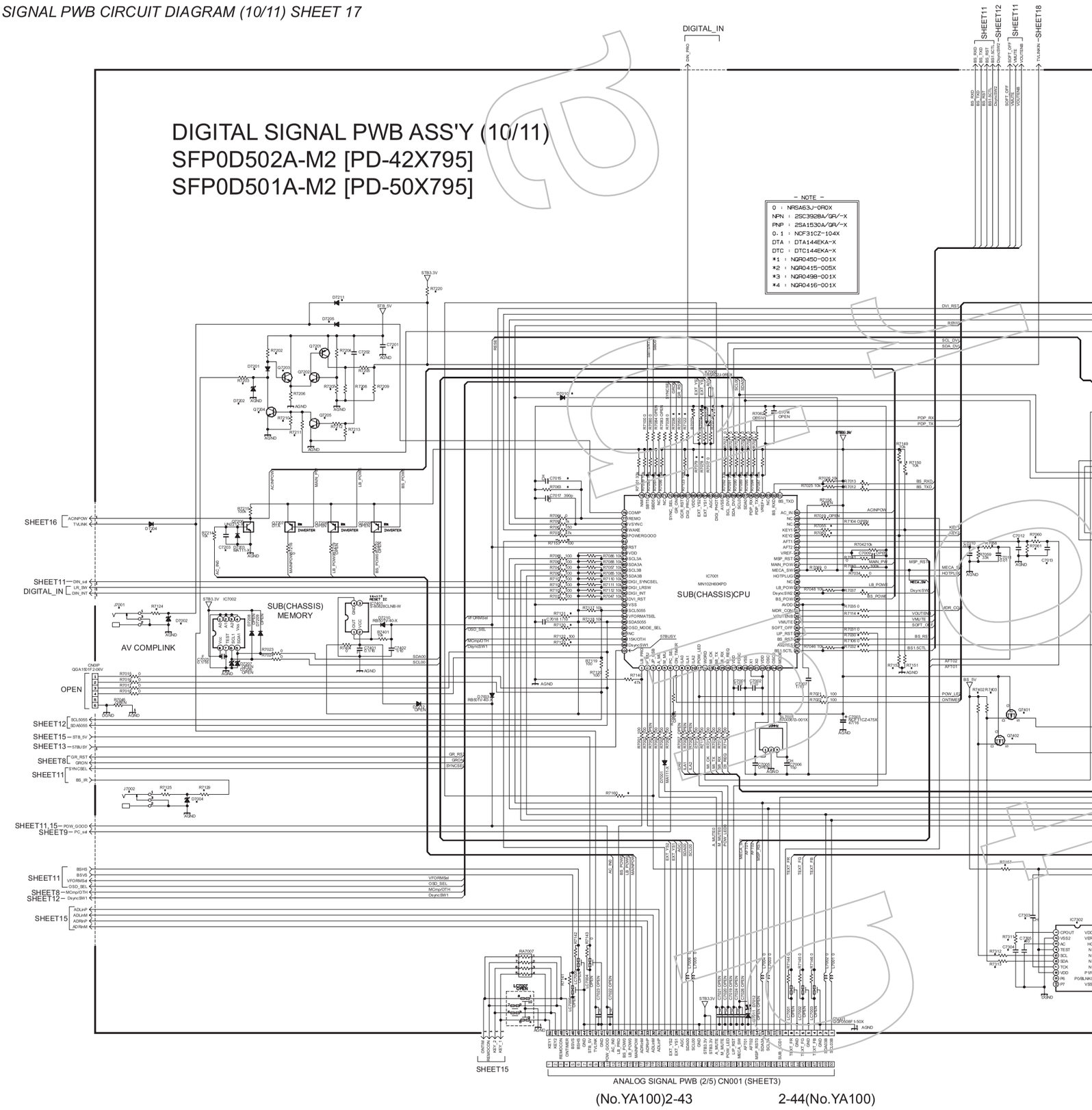
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (9/11) SHEET 16

Note: 1. Refer to part list for the part n
2. Please refer to page 2-110 fo
3. Please refer to page 2-112 fo

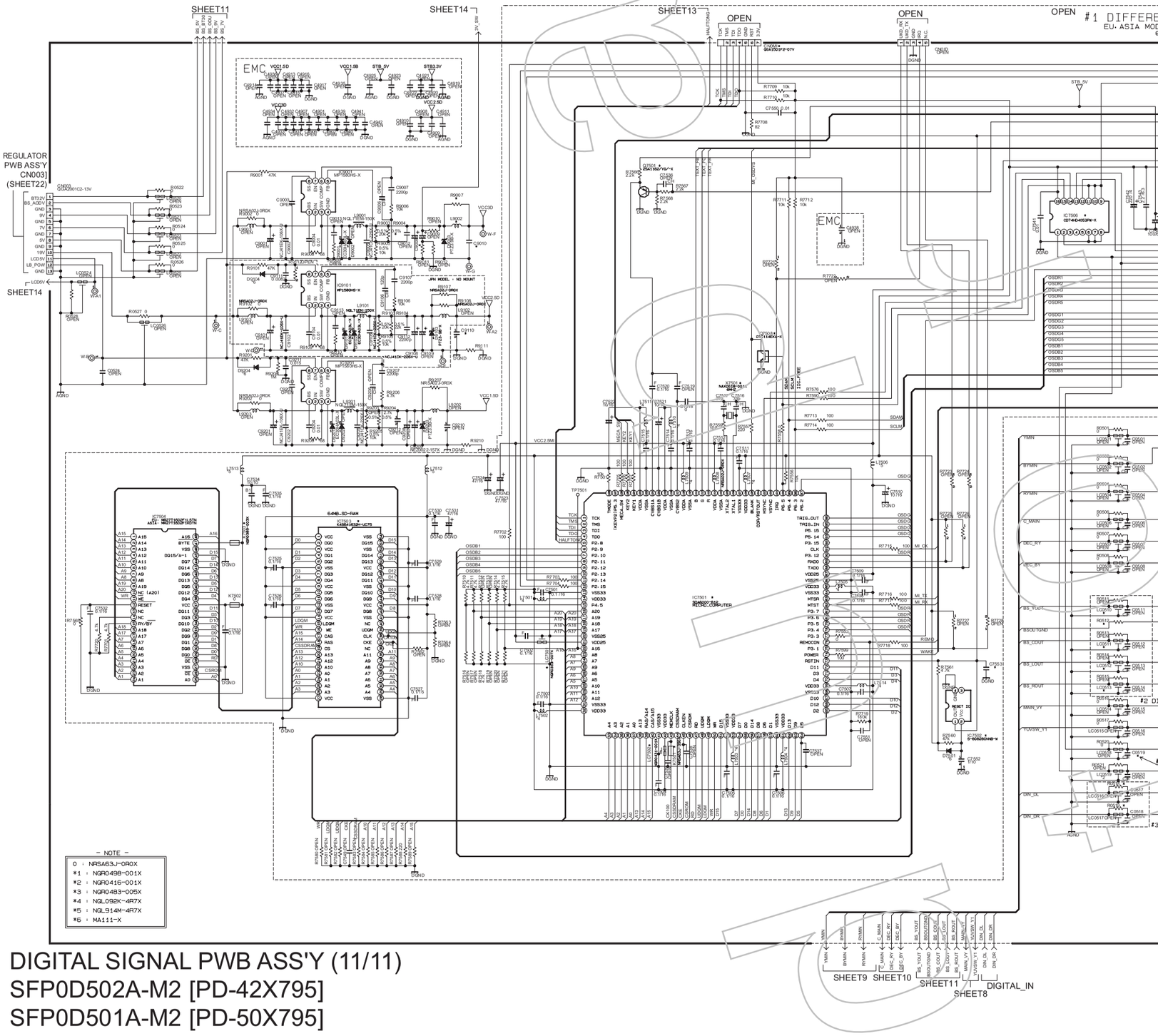


DIGITAL SIGNAL PWB ASS'Y (9/11)
SFP0D502A-M2 [PD-42X795]
SFP0D501A-M2 [PD-50X795]

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (10/11) SHEET 17



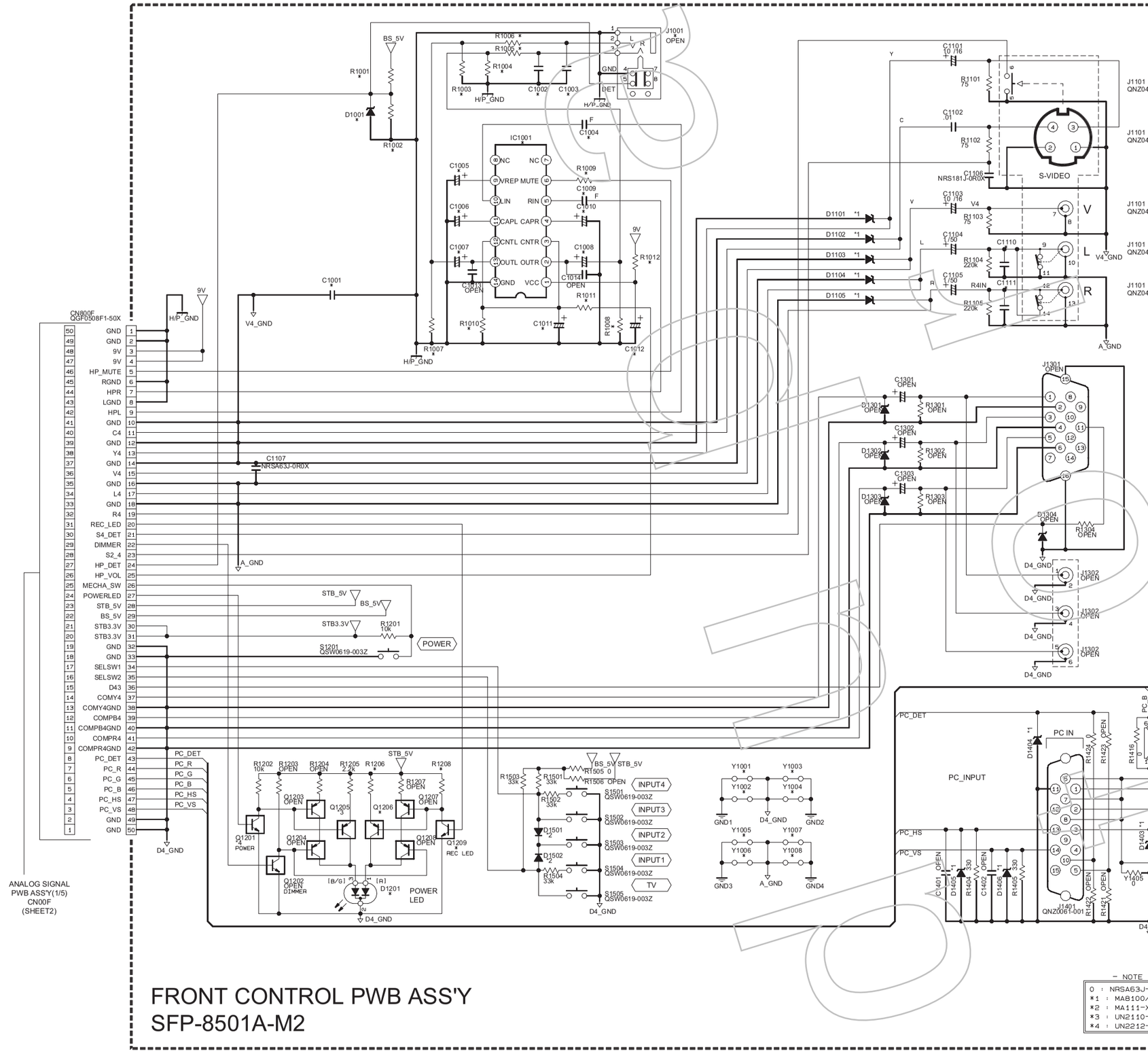
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (11/11) SHEET 18



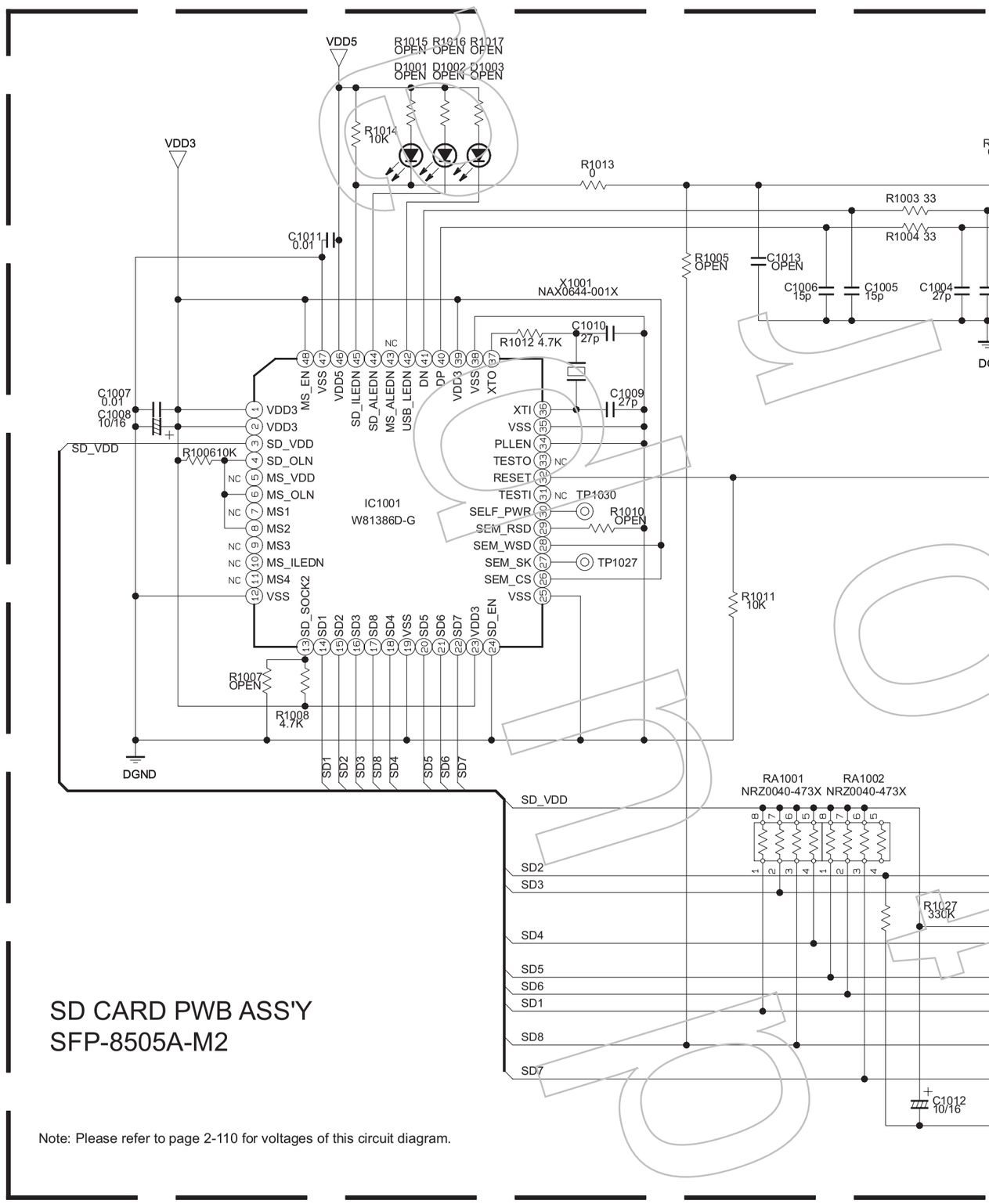
DIGITAL SIGNAL PWB ASS'Y (11/11)
SFP0D502A-M2 [PD-42X795]
SFP0D501A-M2 [PD-50X795]

Note: Please refer to page 2-110 for voltages of this circuit diagram.

FRONT CONTROL PWB CIRCUIT DIAGRAM SHEET 19



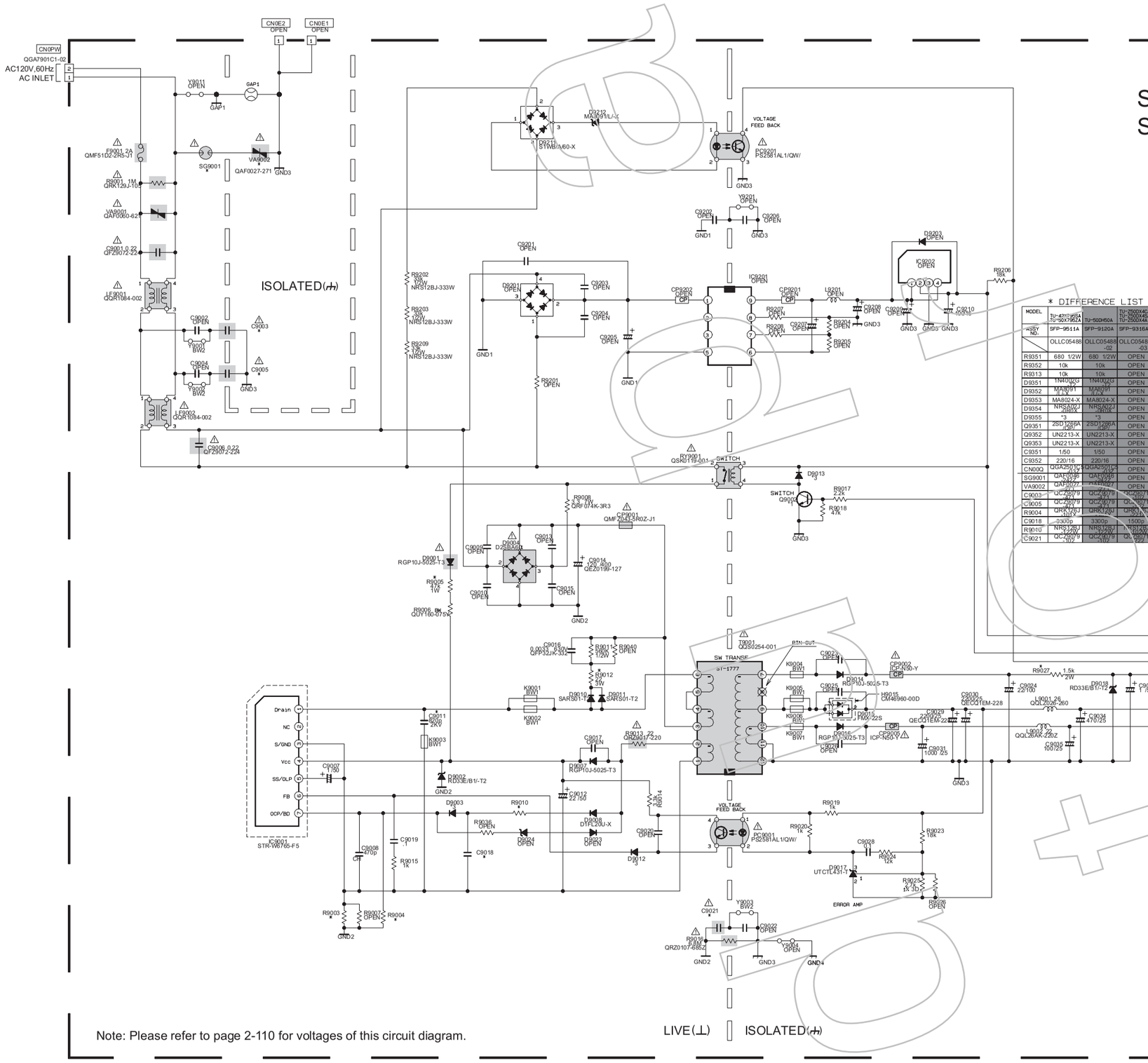
SD CARD PWB CIRCUIT DIAGRAM SHEET 20



SD CARD PWB ASS'Y
SFP-8505A-M2

Note: Please refer to page 2-110 for voltages of this circuit diagram.

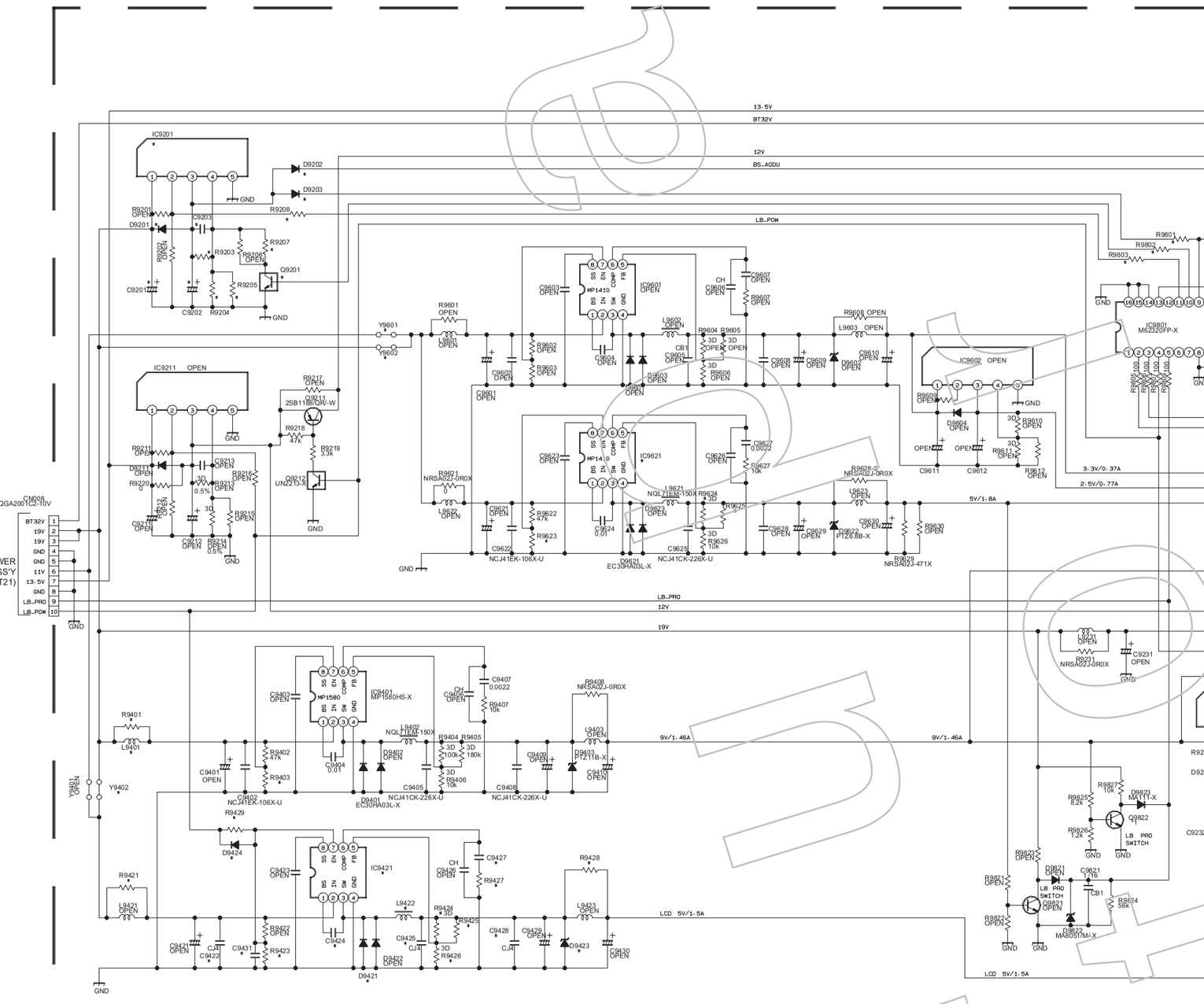
SYSTEM POWER PWB CIRCUIT DIAGRAM SHEET 21



* DIFFERENCE LIST

MODEL	TU-42S10E/P2 TU-50X750Z	TU-50DH50A	TU-Z50X46 TU-Z50X46
ASSY NO.	SFP-9511A	SFP-9180A	SFP-9316A
	OLLC054B	OLLC054BB -02	OLLC054B -03
R9351	680 1/2W	680 1/2W	OPEN
R9352	10k	10k	OPEN
R9313	10k	10k	OPEN
D9351	1N4002G	1N4002G	OPEN
D9352	MA8091 11.5	MA8091 11.5	OPEN
D9353	MA8024-X	MA8024-X	OPEN
D9354	NRS1202	NRS1202	OPEN
D9355	*3	*3	OPEN
Q9351	2SD1266A -AB/-	2SD1266A -AB/-	OPEN
Q9352	UN2213-X	UN2213-X	OPEN
Q9353	UN2213-X	UN2213-X	OPEN
C9351	1/50	1/50	OPEN
C9352	220/16	220/16	OPEN
CN0Q	QGA2501C	QGA2501C	OPEN
SG9001	QAF0035	QAF0035	OPEN
VA9002	QAF0027	QAF0027	OPEN
C9003	QCZ3071 -/ZA	QCZ3071 -/ZA	QCZ307 -/ZA
C9005	QCZ3071 -/ZA	QCZ3071 -/ZA	QCZ307 -/ZA
R9004	QRR1/2J 10Ω	QRR1/2J 10Ω	QRR1/2J 10Ω
C9018	3300p	3300p	1500p
R9010	NRS1267	NRS1267	NRS1267
C9021	QCZ3071 -/ZA	QCZ3071 -/ZA	QCZ307 -/ZA

REGULATOR PWB CIRCUIT DIAGRAM SHEET 22



REGULATOR PWB ASS'Y
SFP-9507A-M2

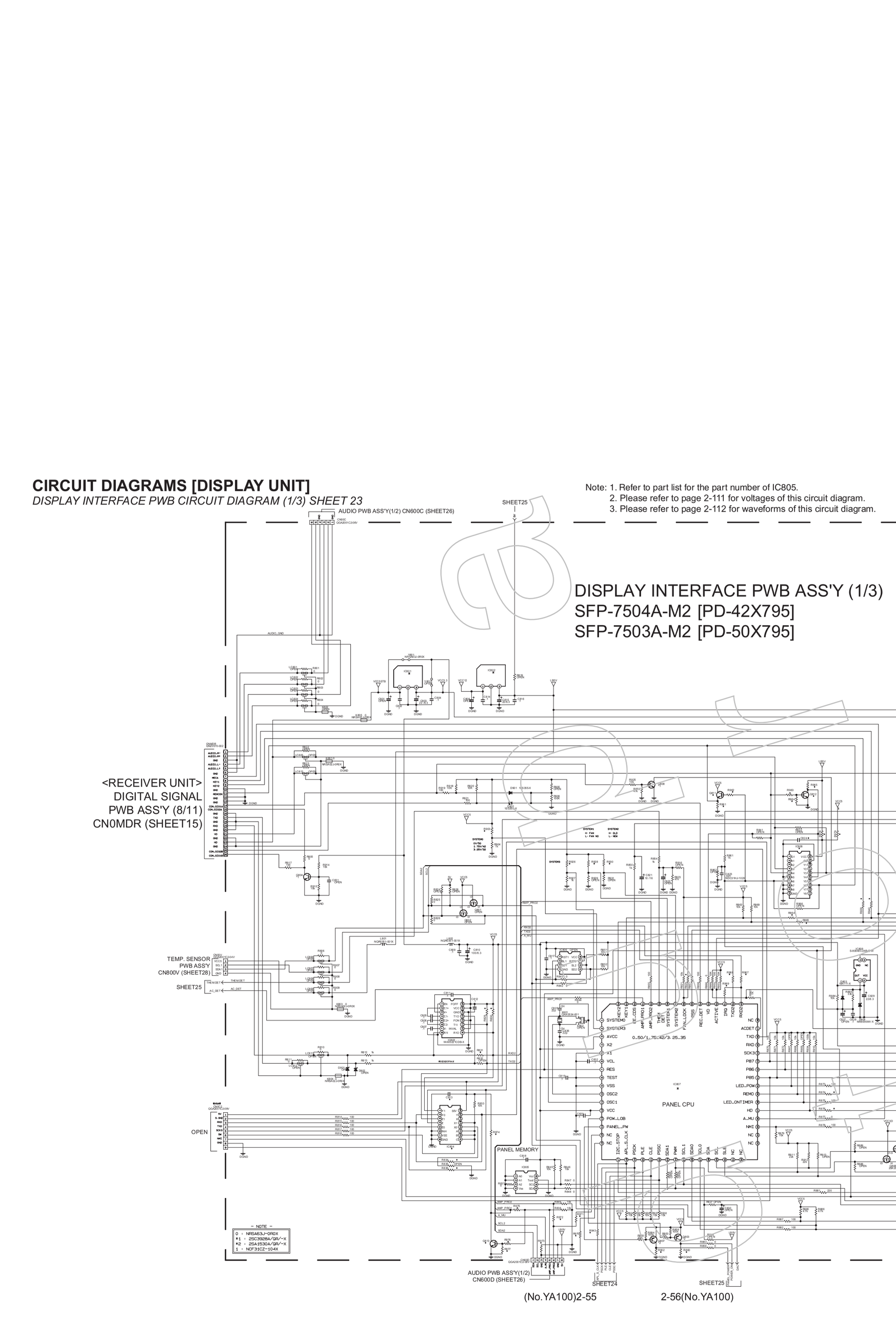
Note: Please refer to page 2-110 for voltages of this circuit diagram.

CIRCUIT DIAGRAMS [DISPLAY UNIT]

DISPLAY INTERFACE PWB CIRCUIT DIAGRAM (1/3) SHEET 23

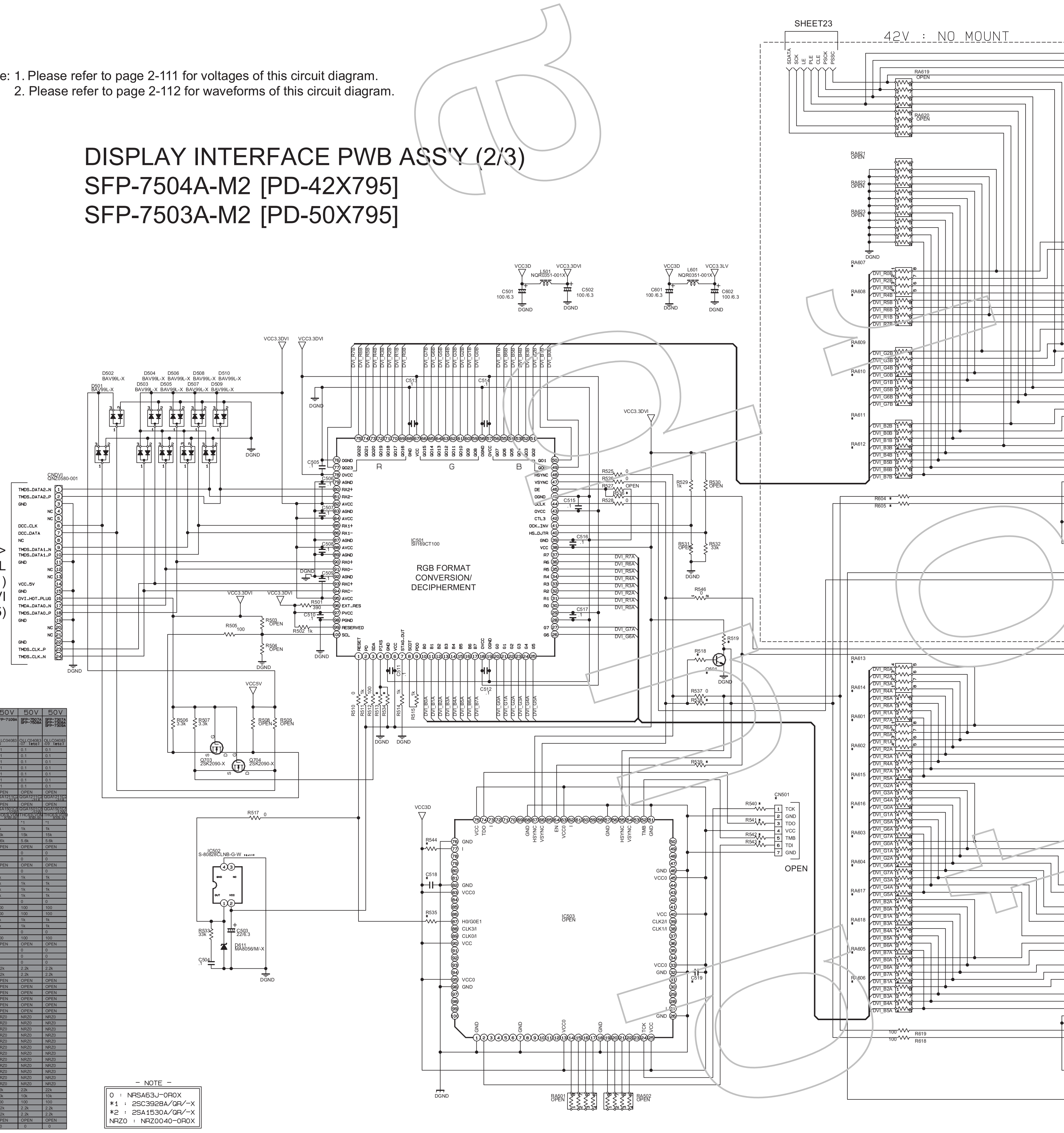
Note: 1. Refer to part list for the part number of IC805.
2. Please refer to page 2-111 for voltages of this circuit diagram.
3. Please refer to page 2-112 for waveforms of this circuit diagram.

DISPLAY INTERFACE PWB ASS'Y (1/3)
SFP-7504A-M2 [PD-42X795]
SFP-7503A-M2 [PD-50X795]



Note: 1. Please refer to page 2-111 for voltages of this circuit diagram.
2. Please refer to page 2-112 for waveforms of this circuit diagram.

DISPLAY INTERFACE PWB ASS'Y (2/3)
SFP-7504A-M2 [PD-42X795]
SFP-7503A-M2 [PD-50X795]

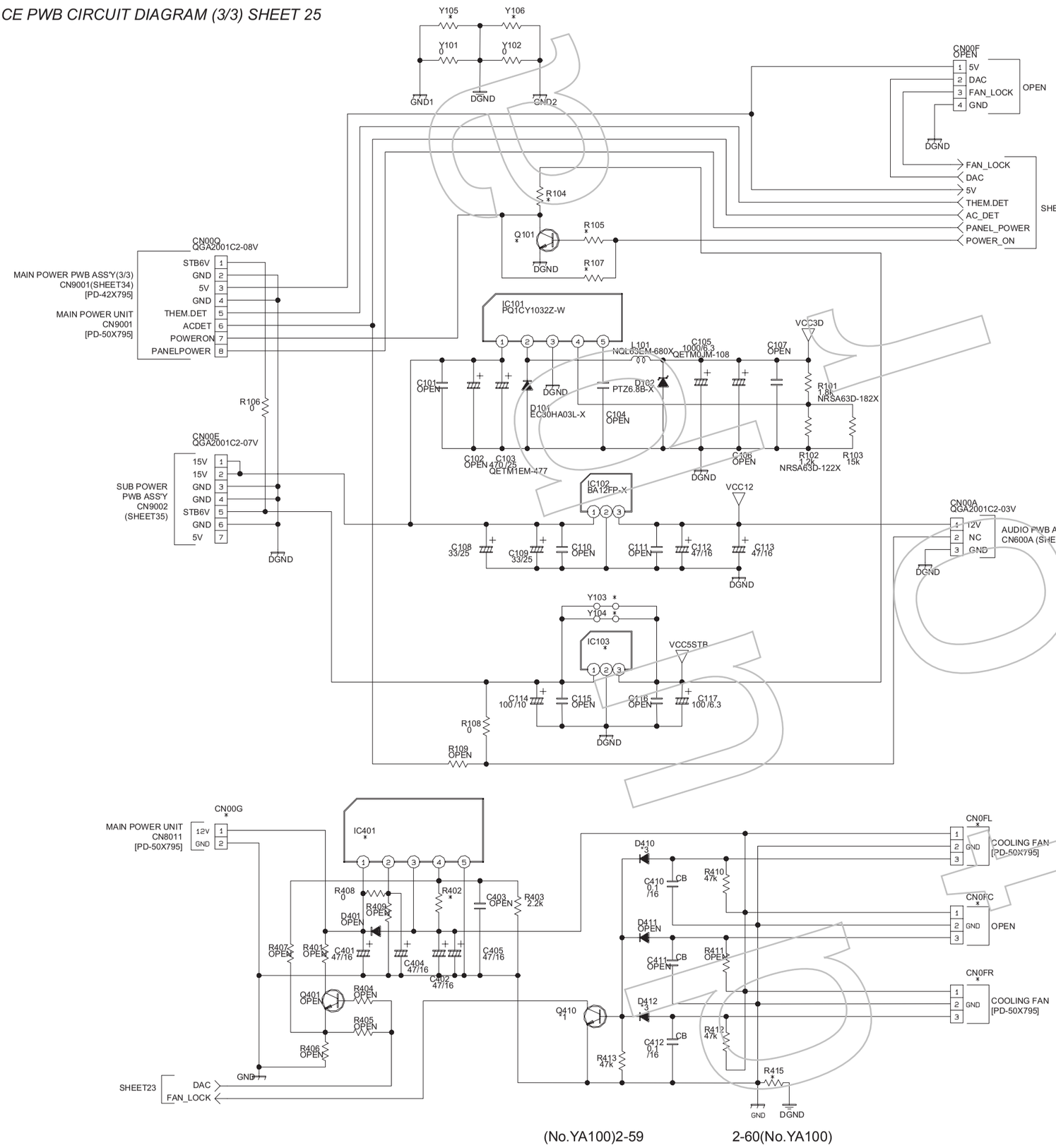


* DIFFERENCE LIST 1 (42V/ 50V)

SCREEN SIZE	42V	50V	42V	50V	50V	50V	50V
ASSY NO.	LCA10360-01* SFP-7501A	LCA10360-02* SFP-7502A	SFP-7504A	SFP-7503A	SFP-7109A	SFP-7507A SFP-7508A	SFP-7307A SFP-7308A SFP-7309A
	OLLC04083	OLLC04083 -02	OLLC04083 -04	OLLC04083 -03	OLLC04083 -06	OLLC04083 -07 (etc)	OLLC04083 -09 (etc)
C518	OPEN	0.1	OPEN	0.1	0.1	0.1	0.1
C519	OPEN	0.1	OPEN	0.1	0.1	0.1	0.1
C621	OPEN	0.1	OPEN	0.1	0.1	0.1	0.1
C622	OPEN	0.1	OPEN	0.1	0.1	0.1	0.1
C623	OPEN	0.1	OPEN	0.1	0.1	0.1	0.1
C624	OPEN	0.1	OPEN	0.1	0.1	0.1	0.1
C625	OPEN	0.1	OPEN	0.1	0.1	0.1	0.1
CN501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
CNAH1	OPEN	QGA1211C2-31X	OPEN	QGA1211C2-31X	QGA1211C2-31X	QGA1211C2-31X	QGA1211C2-31X
CNAH2	QGA1211C2-31X	OPEN	QGA1211C2-31X	OPEN	OPEN	OPEN	OPEN
CN601	OPEN	QGA1501C5-12W	OPEN	QGA1501C5-12W	QGA1501C5-12W	QGA1501C5-12W	QGA1501C5-12W
IC602	OPEN	THC63LVDM83R-W	OPEN	THC63LVDM83R-W	THC63LVDM83R-W	THC63LVDM83R-W	THC63LVDM83R-W
Q501	OPEN	*1	OPEN	*1	*1	*1	*1
R513	1k	OPEN	1k	OPEN	1k	1k	1k
R518	OPEN	15k	OPEN	15k	15k	15k	15k
R519	OPEN	5.6k	OPEN	5.6k	5.6k	5.6k	5.6k
R534	OPEN	1k	OPEN	1k	OPEN	OPEN	OPEN
R535	OPEN	0	OPEN	0	0	0	0
R536	OPEN	0	OPEN	0	0	0	0
R538	0	OPEN	0	OPEN	OPEN	OPEN	OPEN
R539	OPEN	0	OPEN	0	0	0	0
R540	OPEN	1k	OPEN	1k	1k	1k	1k
R541	OPEN	1k	OPEN	1k	1k	1k	1k
R542	OPEN	1k	OPEN	1k	1k	1k	1k
R543	OPEN	1k	OPEN	1k	1k	1k	1k
R544	OPEN	0	OPEN	0	0	0	0
R604	OPEN	100	OPEN	100	100	100	100
R605	OPEN	100	OPEN	100	100	100	100
R606	OPEN	1k	OPEN	1k	1k	1k	1k
R608	OPEN	1k	OPEN	1k	1k	1k	1k
R609	OPEN	0	OPEN	0	0	0	0
R613	OPEN	100	OPEN	100	100	100	100
R628	100	OPEN	100	OPEN	OPEN	OPEN	OPEN
R631	OPEN	0	OPEN	0	0	0	0
R632	OPEN	0	OPEN	0	0	0	0
R633	OPEN	0	OPEN	0	0	0	0
R636	OPEN	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k
R637	OPEN	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k
RA601	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN	OPEN
RA602	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN	OPEN
RA603	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN	OPEN
RA604	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN	OPEN
RA605	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN	OPEN
RA606	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN	OPEN
RA607	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0	NRZ0
RA608	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0	NRZ0
RA609	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0	NRZ0
RA610	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0	NRZ0
RA611	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0	NRZ0
RA612	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0	NRZ0
RA613	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0	NRZ0
RA614	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0	NRZ0
RA615	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0	NRZ0
RA616	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0	NRZ0
RA617	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0	NRZ0
RA618	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0	NRZ0
R614	OPEN	22k	OPEN	22k	22k	22k	22k
R635	OPEN	10k	OPEN	10k	10k	10k	10k
R615	OPEN	100	OPEN	100	100	100	100
R616	OPEN	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k
R617	OPEN	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k
IC604	SN74LVC1G08V-X	SN74LVC1G08V-X	OPEN	OPEN	OPEN	OPEN	OPEN
R611	OPEN	OPEN	0	0	0	0	0

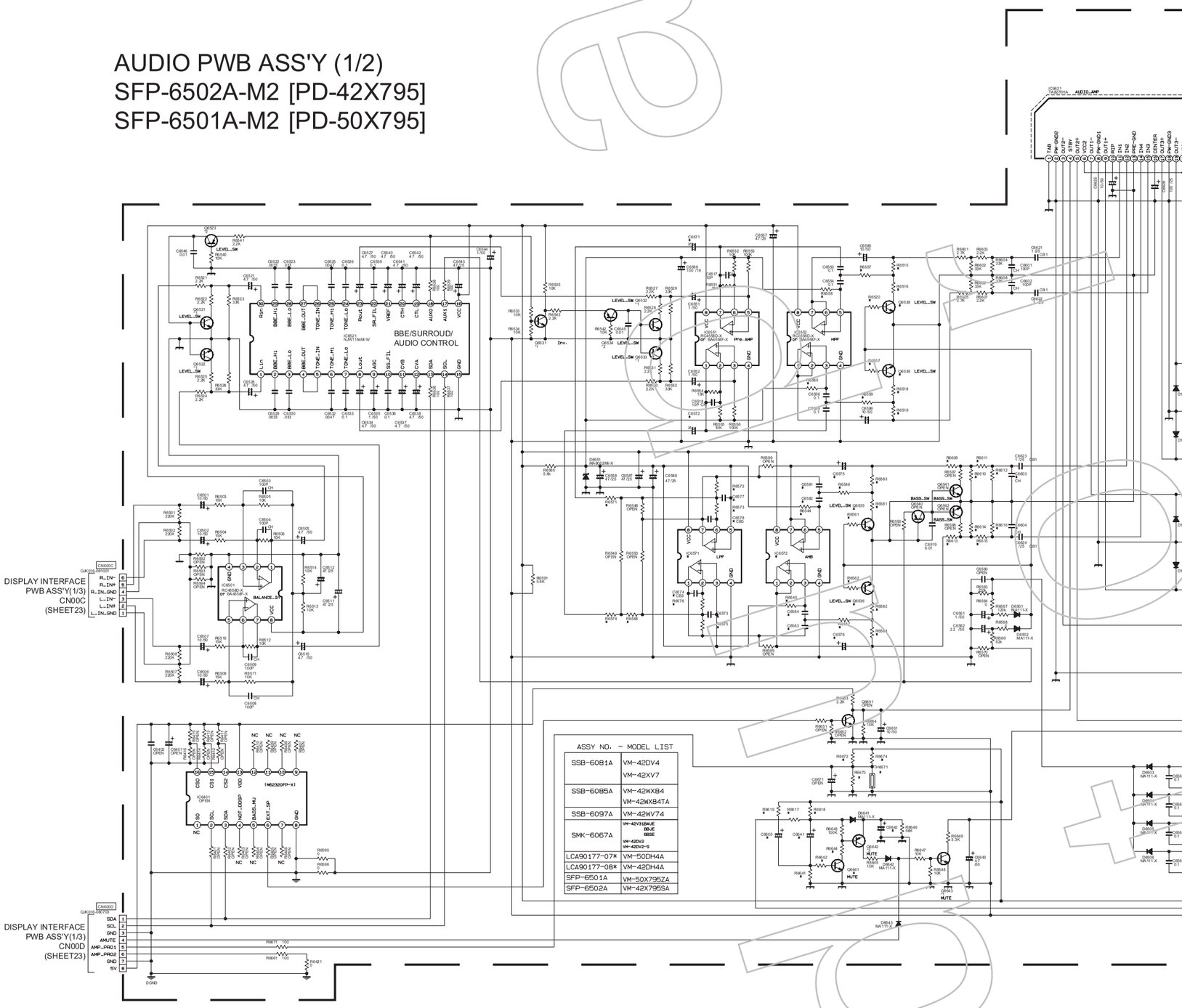
– NOTE –
0 : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X
NRZ0 : NRZ0040-0R0X

DISPLAY INTERFACE PWB CIRCUIT DIAGRAM (3/3) SHEET 25

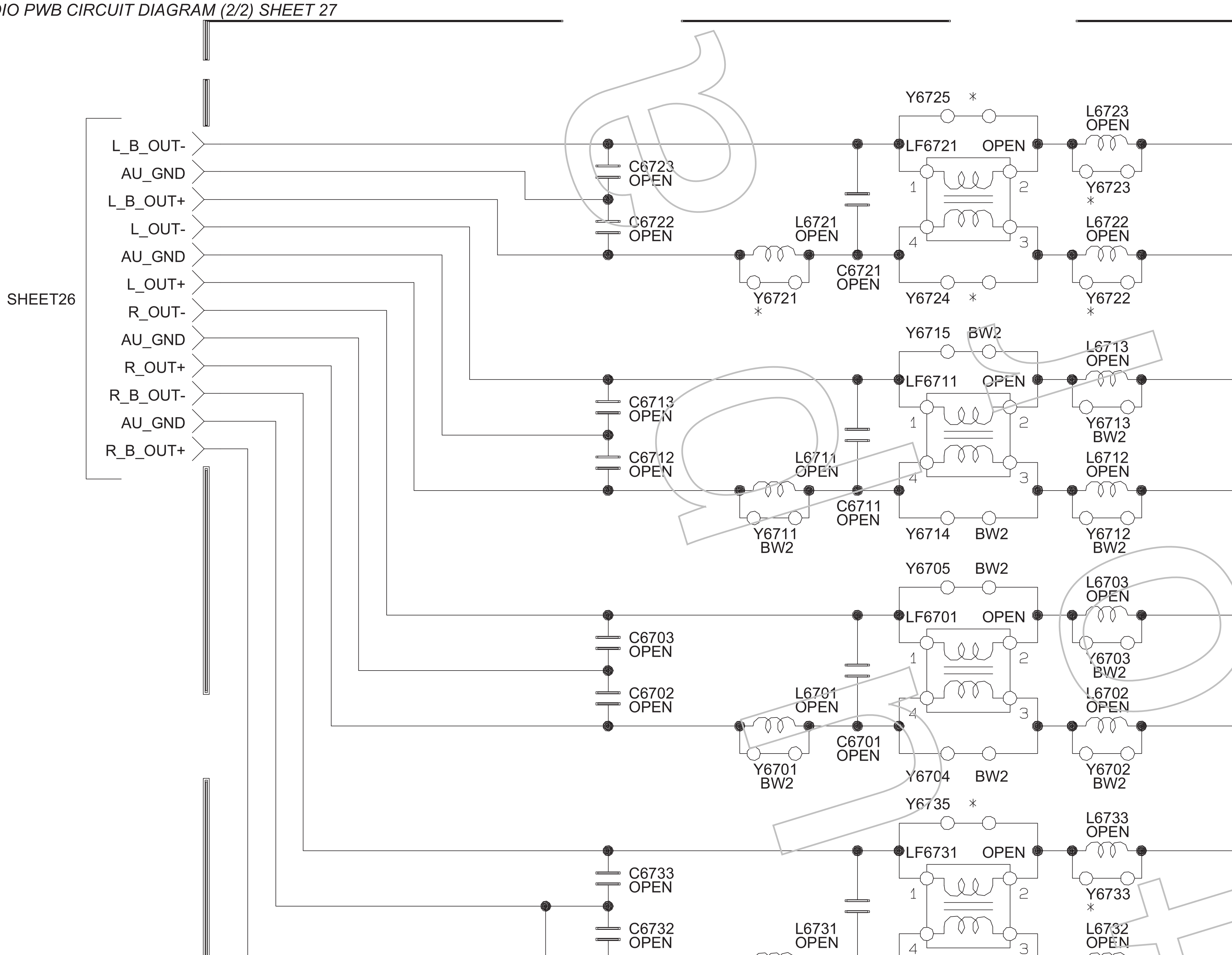


AUDIO PWB CIRCUIT DIAGRAM (1/2) SHEET 26

AUDIO PWB ASS'Y (1/2)
SFP-6502A-M2 [PD-42X795]
SFP-6501A-M2 [PD-50X795]



Note: Please refer to page 2-111 for voltages of this circuit diagram.



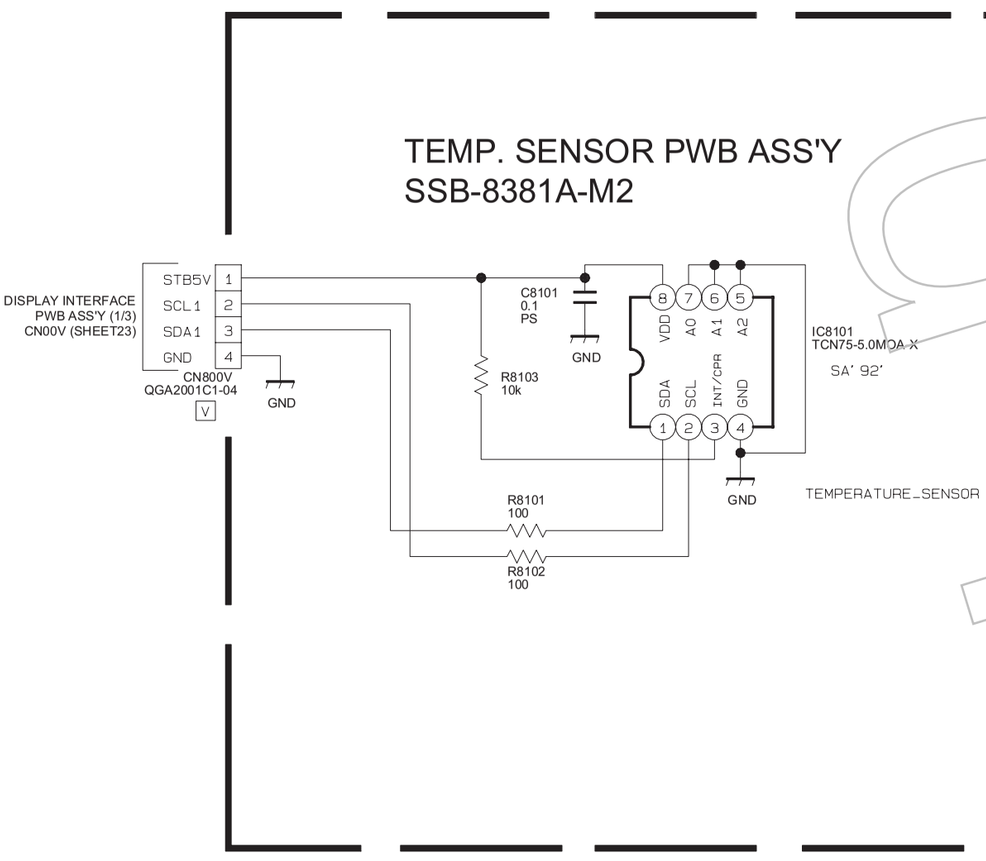
* DIFFERENCE LIST 1

MODEL	VM-42XV7 VM-42DV4	VM-42WX84 SSB-6085A VM-42WX84TA	VM-42WV74	VM-42V31BAUE BBJE BBSE VM-42DV2 VM-42DV2-S	VM-42DH4A	VM-50DH4A	VM-42X795SA	VM-50X795ZA
ASSY NO.	SSB-6081A		SSB-6097A	SMK-6067A	LCA90177-08*	LCA90177-07*	SFP-6502A	SFP-6501A
	OLLC02730	OLLC02730 -02	OLLC02730 -06	OLLC02730 -04	OLLC02730 -09	OLLC02730 -08	OLLC02730 -11	OLLC02730 -10
J6701	QNB0179-001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
J6702	QNB0179-001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Y6721	OPEN	BW2	BW2	BW2	BW2	BW2	BW2	BW2
Y6722	OPEN	BW2	BW2	BW2	BW2	BW2	BW2	BW2
Y6723	OPEN	BW2	BW2	BW2	BW2	BW2	BW2	BW2
Y6724	OPEN	BW2	BW2	BW2	BW2	BW2	BW2	BW2
Y6725	OPEN	BW2	BW2	BW2	BW2	BW2	BW2	BW2
Y6731	OPEN	BW2	BW2	BW2	BW2	BW2	BW2	BW2
Y6732	OPEN	BW2	BW2	BW2	BW2	BW2	BW2	BW2
Y6733	OPEN	BW2	BW2	BW2	BW2	BW2	BW2	BW2
Y6734	OPEN	BW2	BW2	BW2	BW2	BW2	BW2	BW2
Y6735	OPEN	BW2	BW2	BW2	BW2	BW2	BW2	BW2
CN60SL	OPEN	QGA2501C5 -03Z	QGA2501C5 -03Z	QGA2501C5 -03Z	QGA2501C5 -03Z	QGA2501C5 -03Z	QGA2501C5 -03Z	QGA2501C5 -03Z
CN60SR	OPEN	QGA2501C5 -03Z	QGA2501C5 -03Z	QGA2501C5 -03Z	QGA2501C5 -03Z	QGA2501C5 -03Z	QGA2501C5 -03Z	QGA2501C5 -03Z
CN60CB	OPEN	QGA2501C5 -06Z	QGA2501C5 -06Z	QGA2501C5 -06Z	QGA2501C5 -06Z	QGA2501C5 -06Z	QGA2501C5 -06Z	QGA2501C5 -06Z

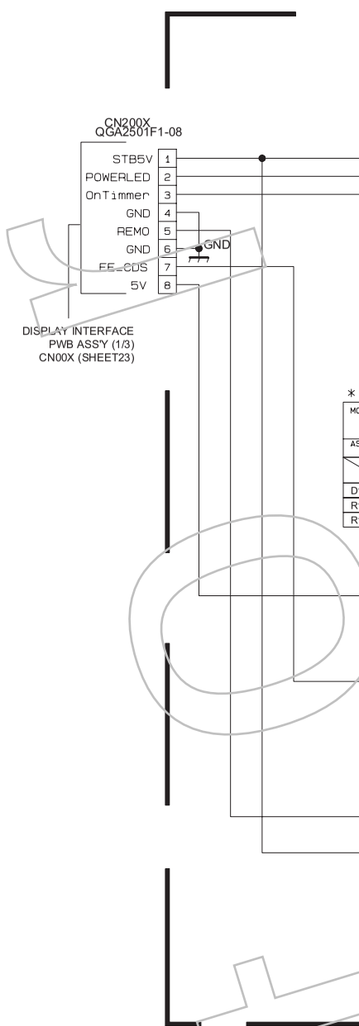
AUDIO PWB A
SFP-6502A-M
SFP-6501A-M

TEMP. SENSOR PWB CIRCUIT DIAGRAM SHEET 28

DISPLAY LED PWB CIRCUIT DIA

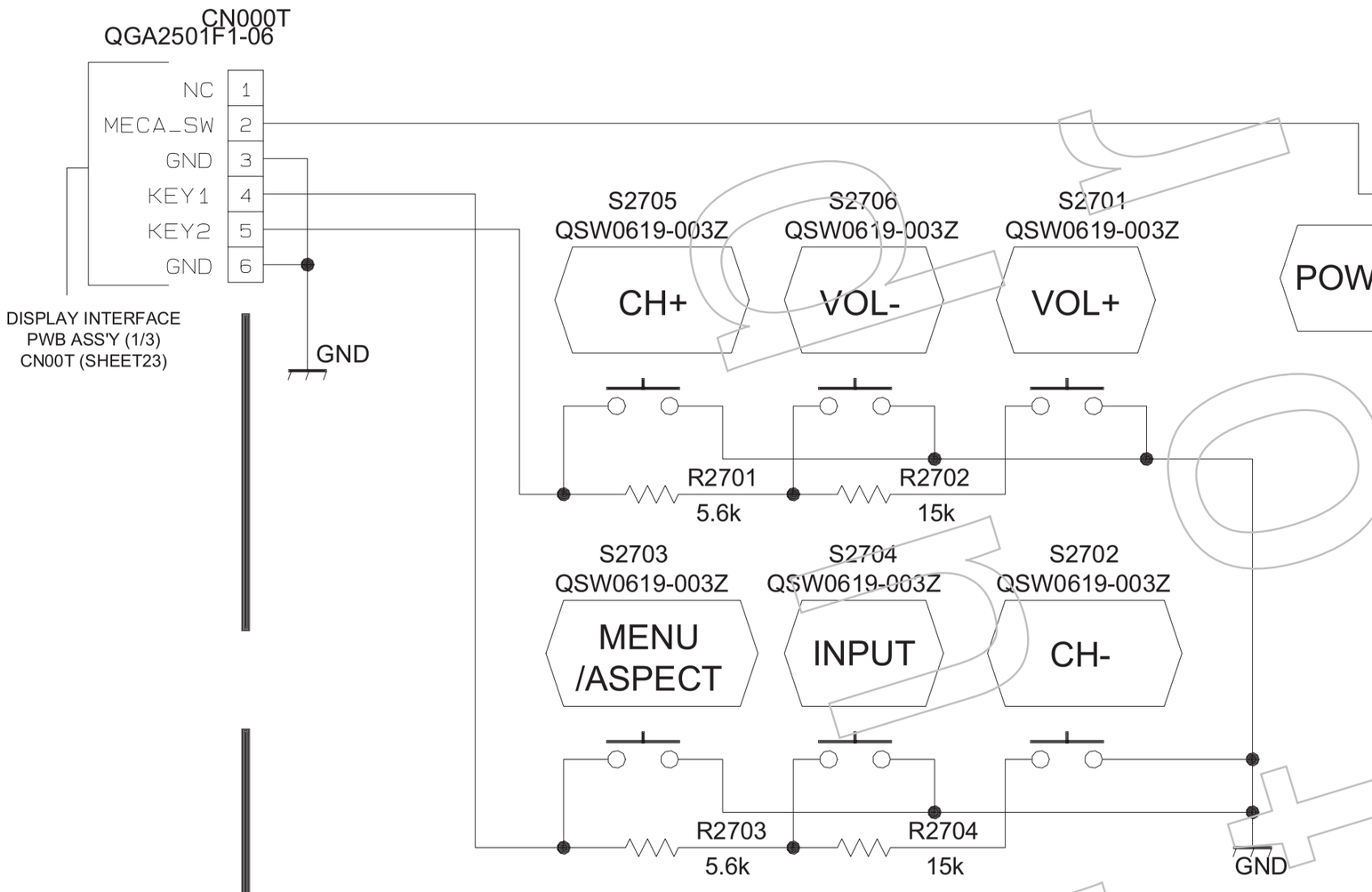


Note: Please refer to page 2-111 for voltages of this circuit diagram.

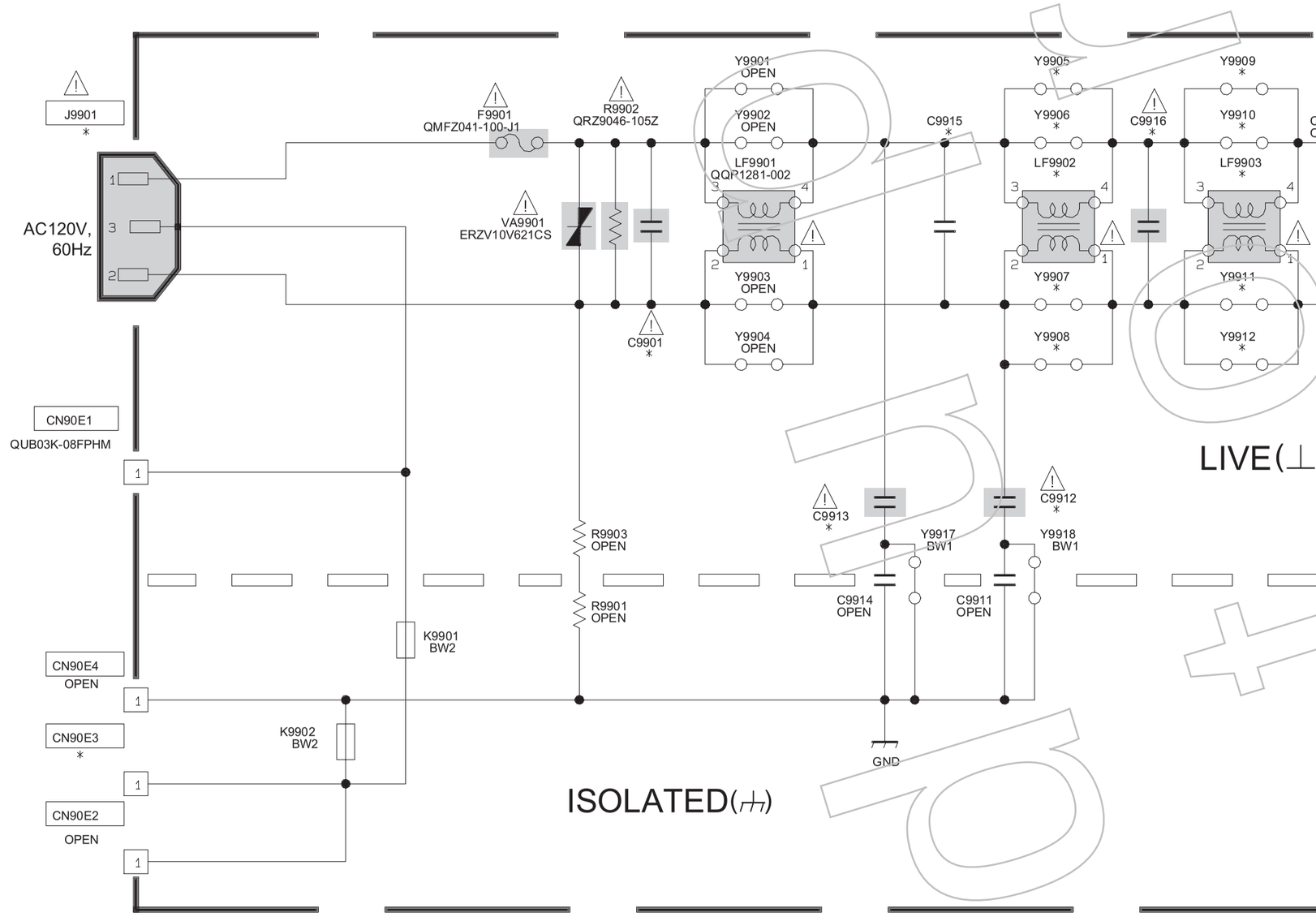


Note: Please refer to pag

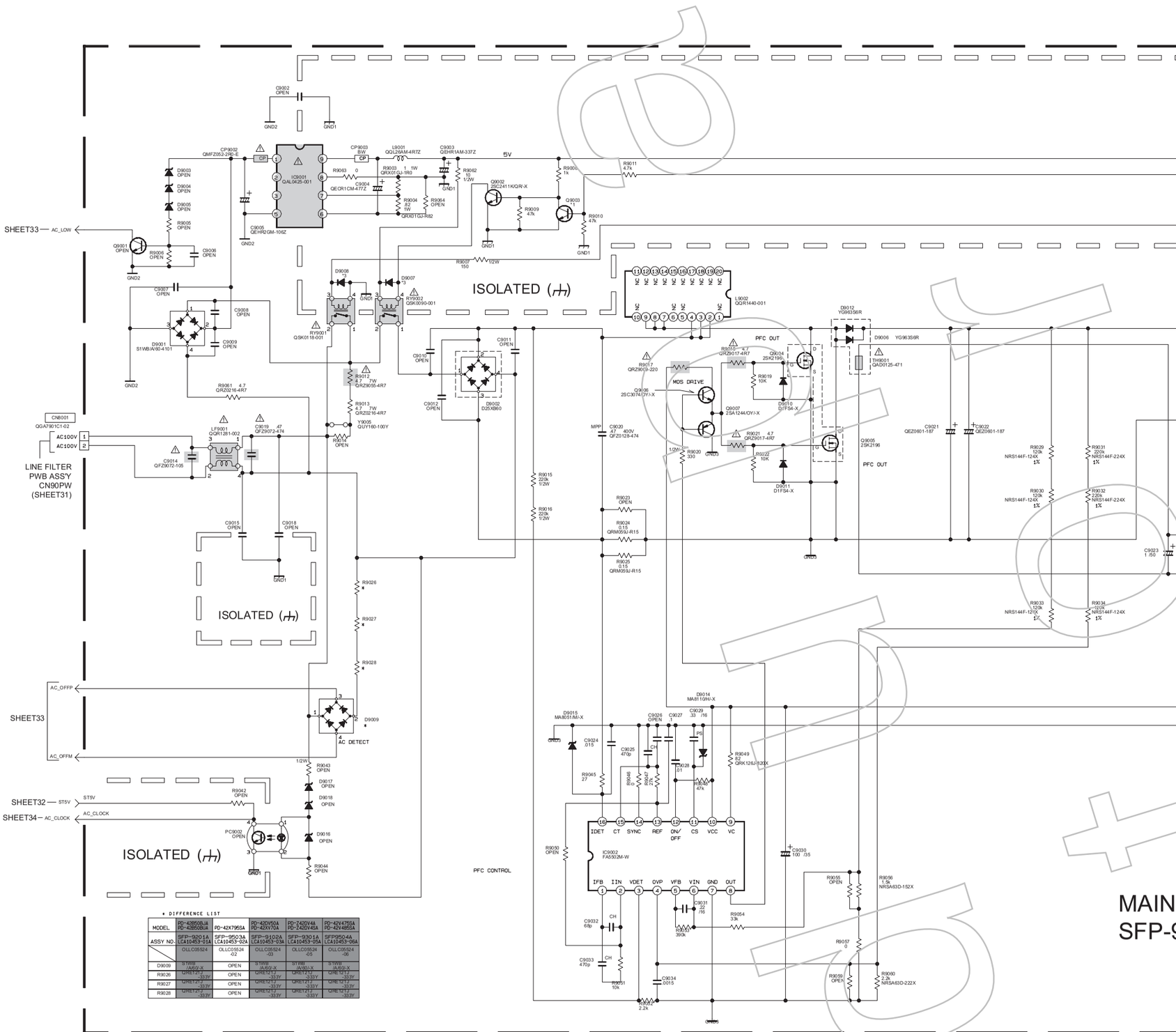
DISPLAY SWITCH PWB CIRCUIT DIAGRAM SHEET 30



LINE FILTER PWB CIRCUIT DIAGRAM SHEET 31

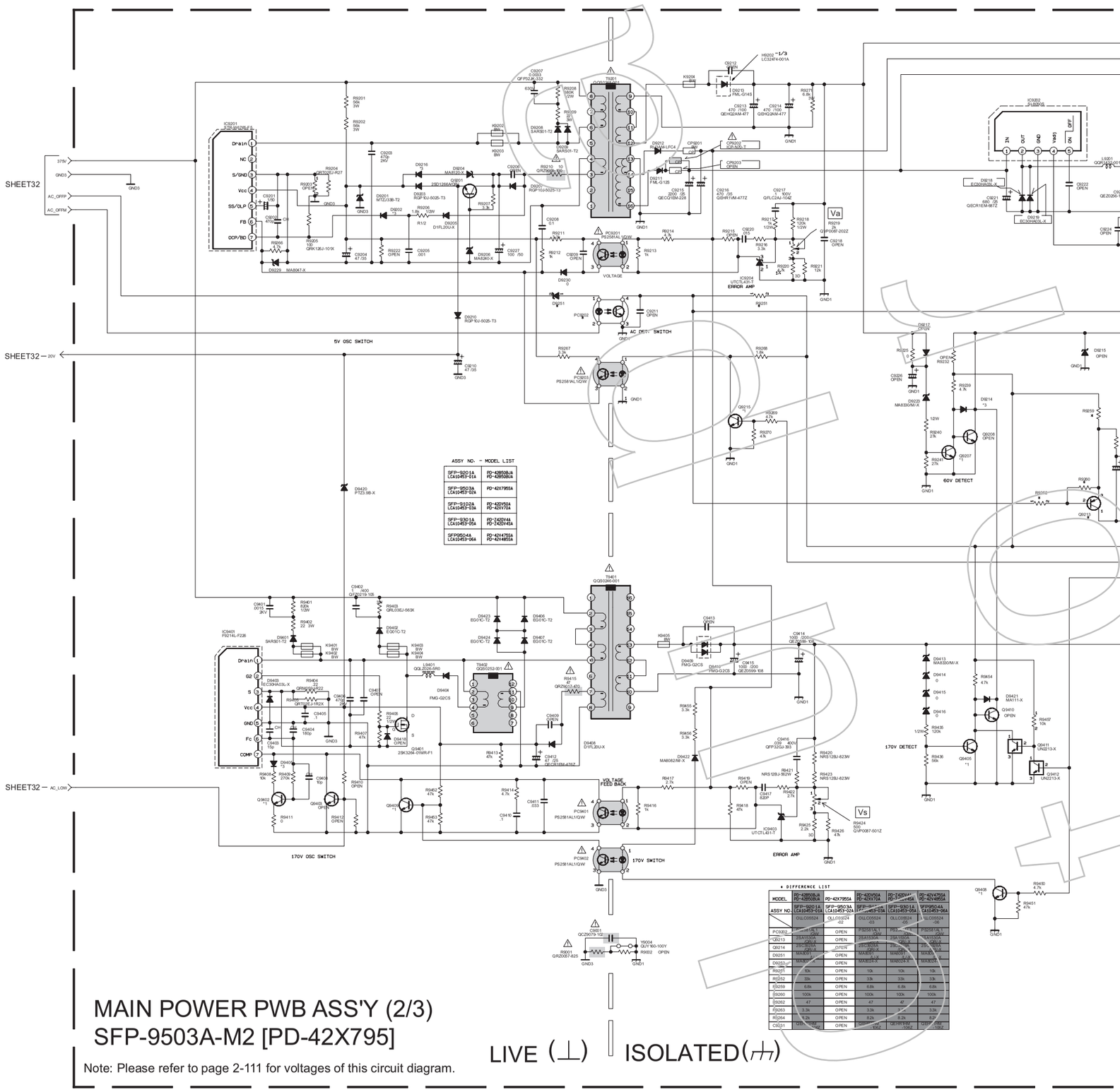


MAIN POWER PWB CIRCUIT DIAGRAM (1/3) [PD-42X795] SHEET 32

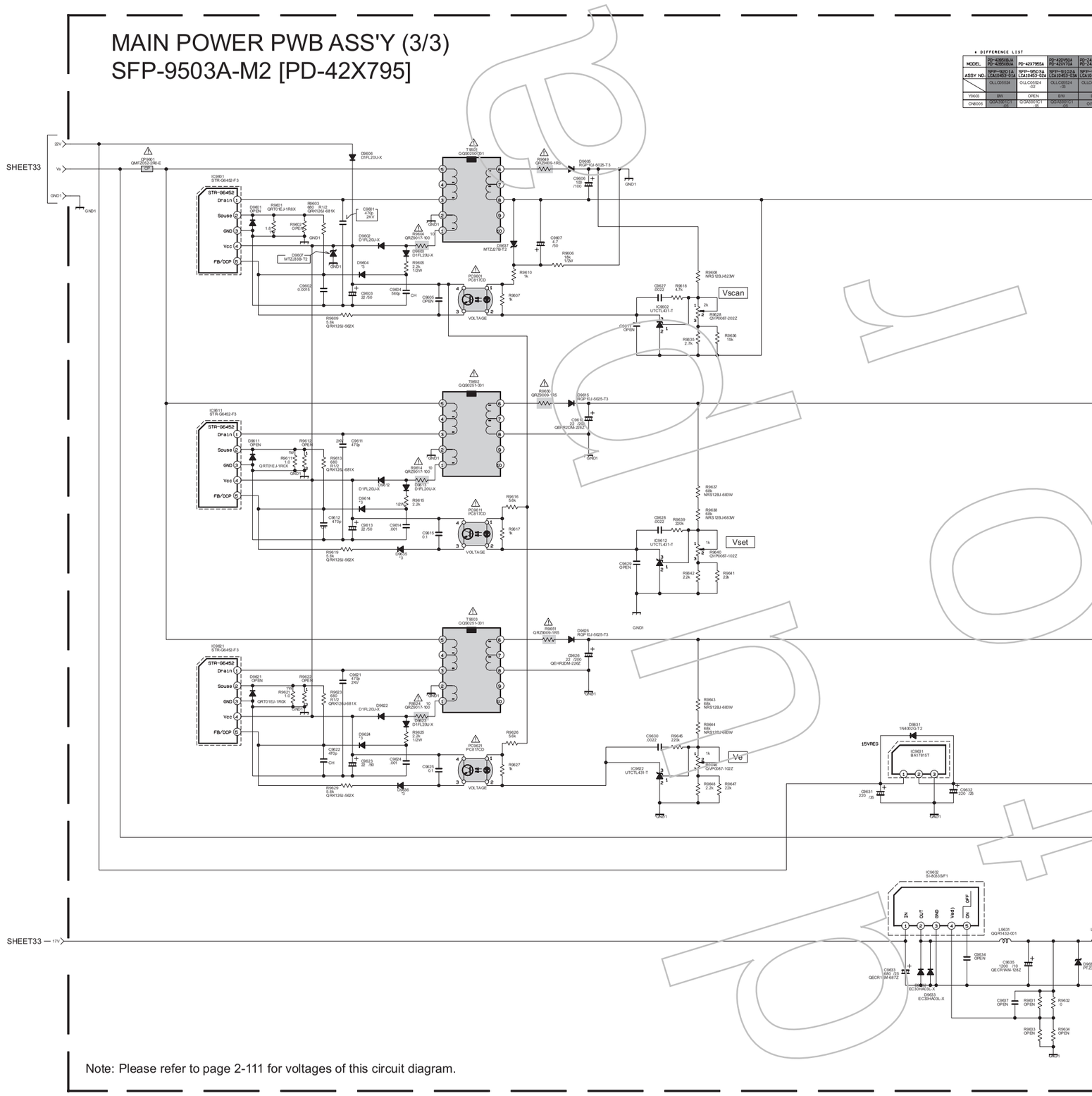


Note: Please refer to page 2-111 for voltages of this circuit diagram.

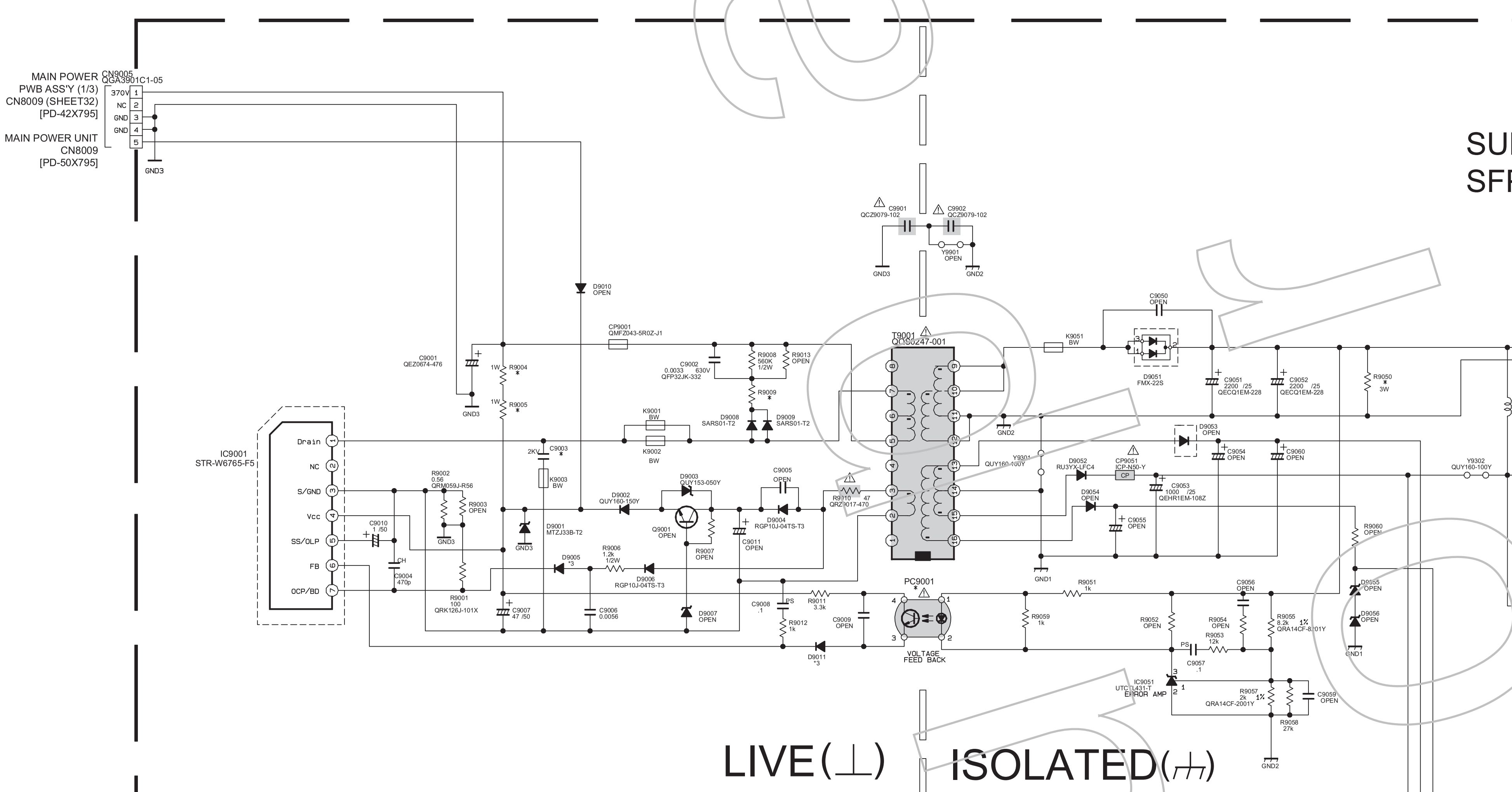
MAIN POWER PWB CIRCUIT DIAGRAM (2/3) [PD-42X795] SHEET 33



MAIN POWER PWB CIRCUIT DIAGRAM (3/3) [PD-42X795] SHEET 34



SUB POWER PWB CIRCUIT DIAGRAM SHEET 35



* DIFFERENCE LIST

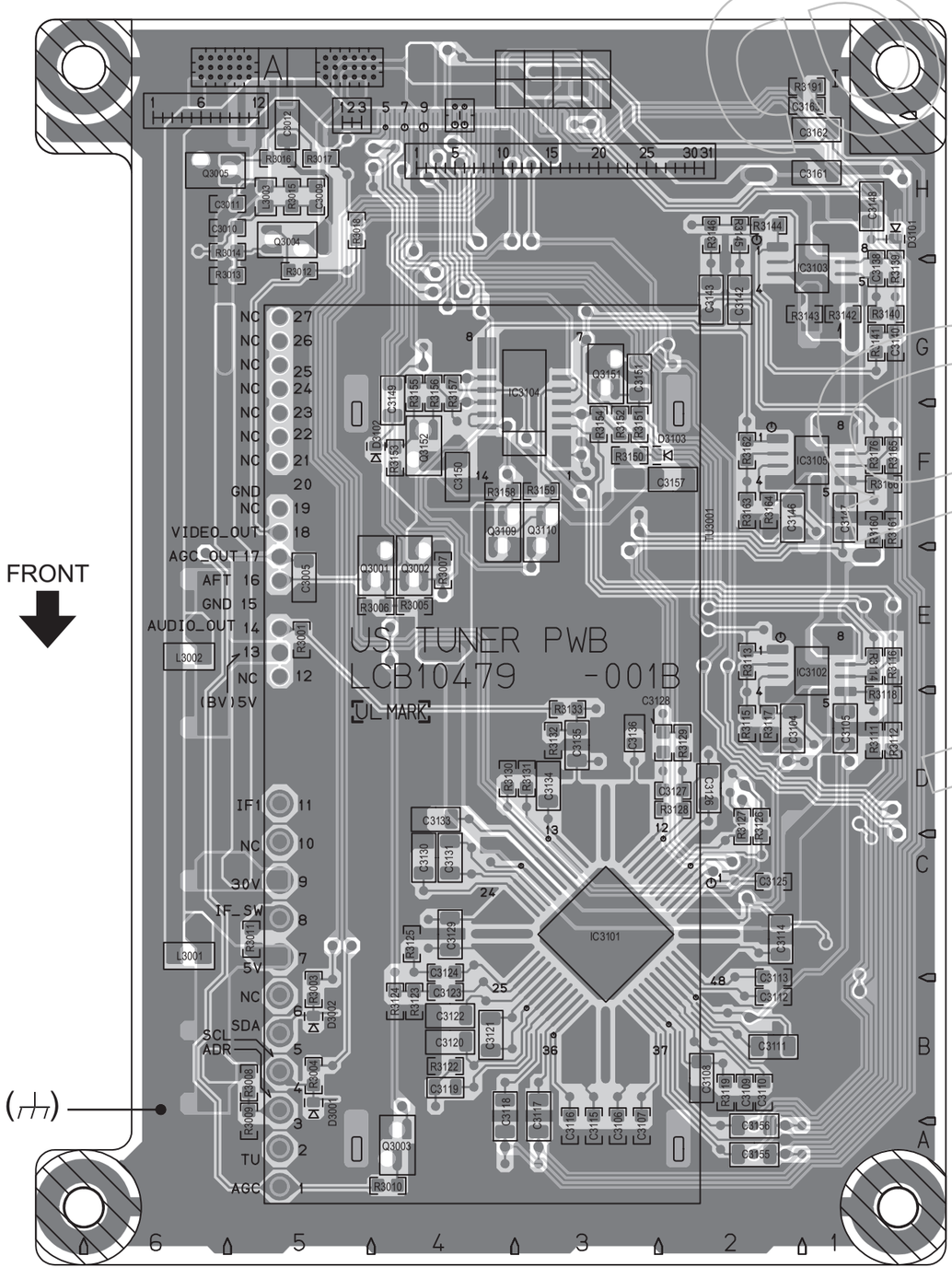
MODEL	VM-50DH50A VM-42DH4A VM-50DH4A	VM-50X575KZA VM-50X575TZA VM-42X795SA VM-50X795ZA	VM-Z50DX4A	VM-Z50DX4CA VM-Z50DX4SA
ASSY NO.	SFP-9601A	SFP-9505A	SFP-9312A	SFP-9313A
	OLLC04305	OLLC04305 -02	OLLC04305 -03	OLLC04305 -04
PC9001	PC123Y22FZ	PS2581AL1 /QW/	PC123Y22FZ	PC123Y22FZ
R9004	QRL01EJ -104X	QRL029J -104	QRL01EJ -104X	QRL01EJ -104X
R9005	QRL01EJ -104X	QRL029J -104	QRL01EJ -104X	QRL01EJ -104X
R9009	QRL03EJ -220X	QRL039J -220	QRL03EJ -220X	QRL03EJ -220X
R9050	QRL03EJ -181X	QRL039J -181	QRL03EJ -181X	QRL03EJ -181X
C9003	QCZ0354 -471Z	QCZ0340 -471	QCZ0354 -471Z	QCZ0354 -471Z

Note: Please refer to page 2-111 for voltages of this circuit diagram.

PATTERN DIAGRAMS [RECEIVER UNIT]

RECEIVERPWB PATTERN [SOLDER SIDE]

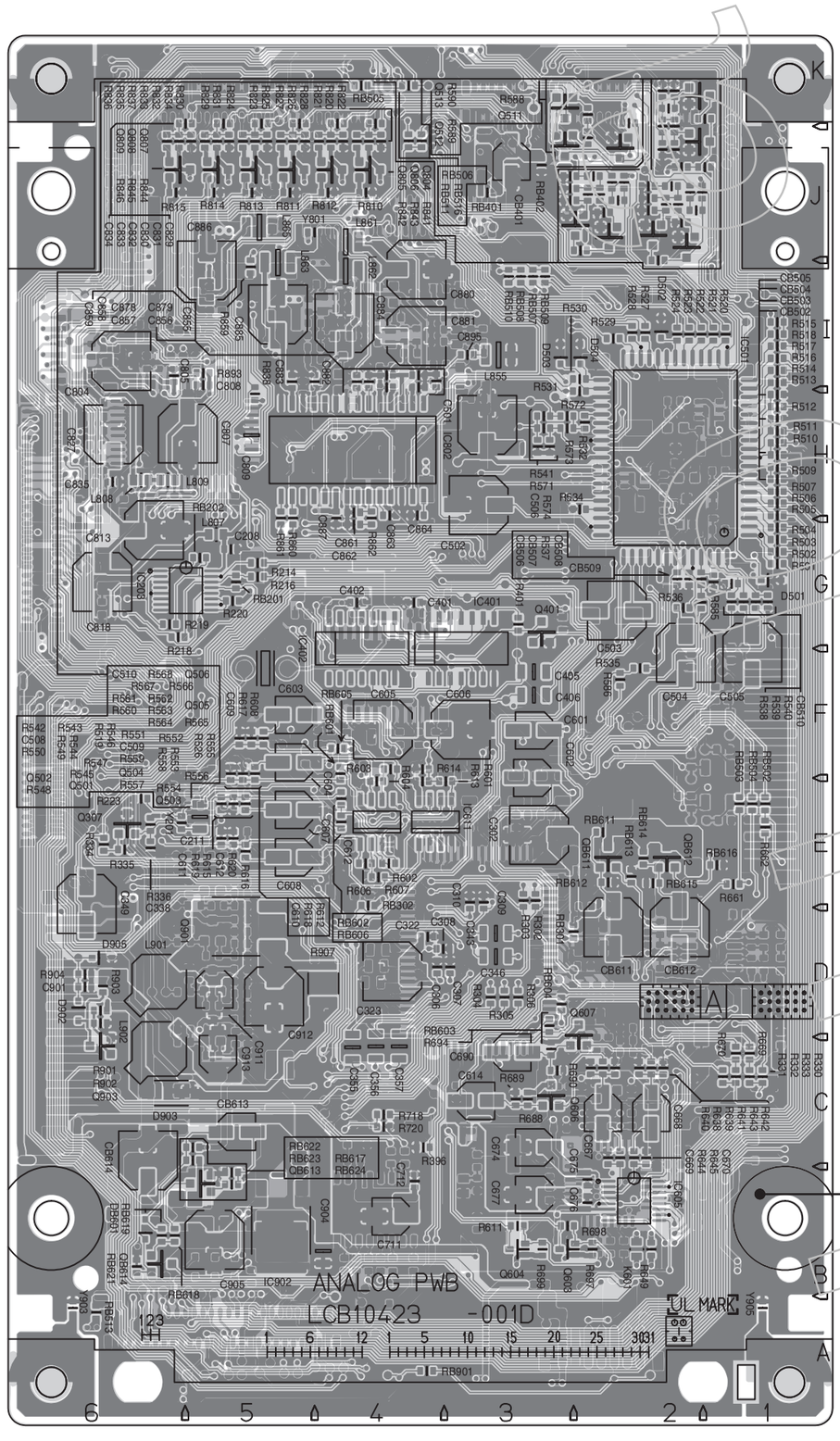
RECEIVER PWB PATTERN [PARTS SIDE]

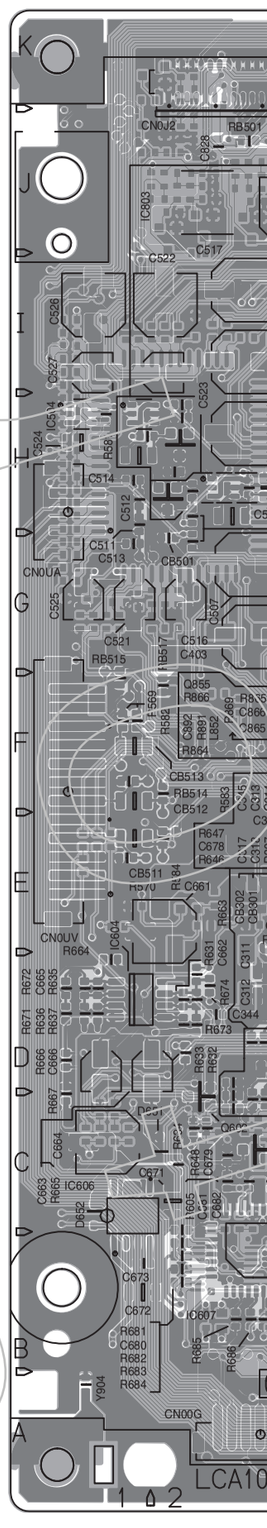


ANALOG SIGNAL PWB PATTERN [SOLDER SIDE]

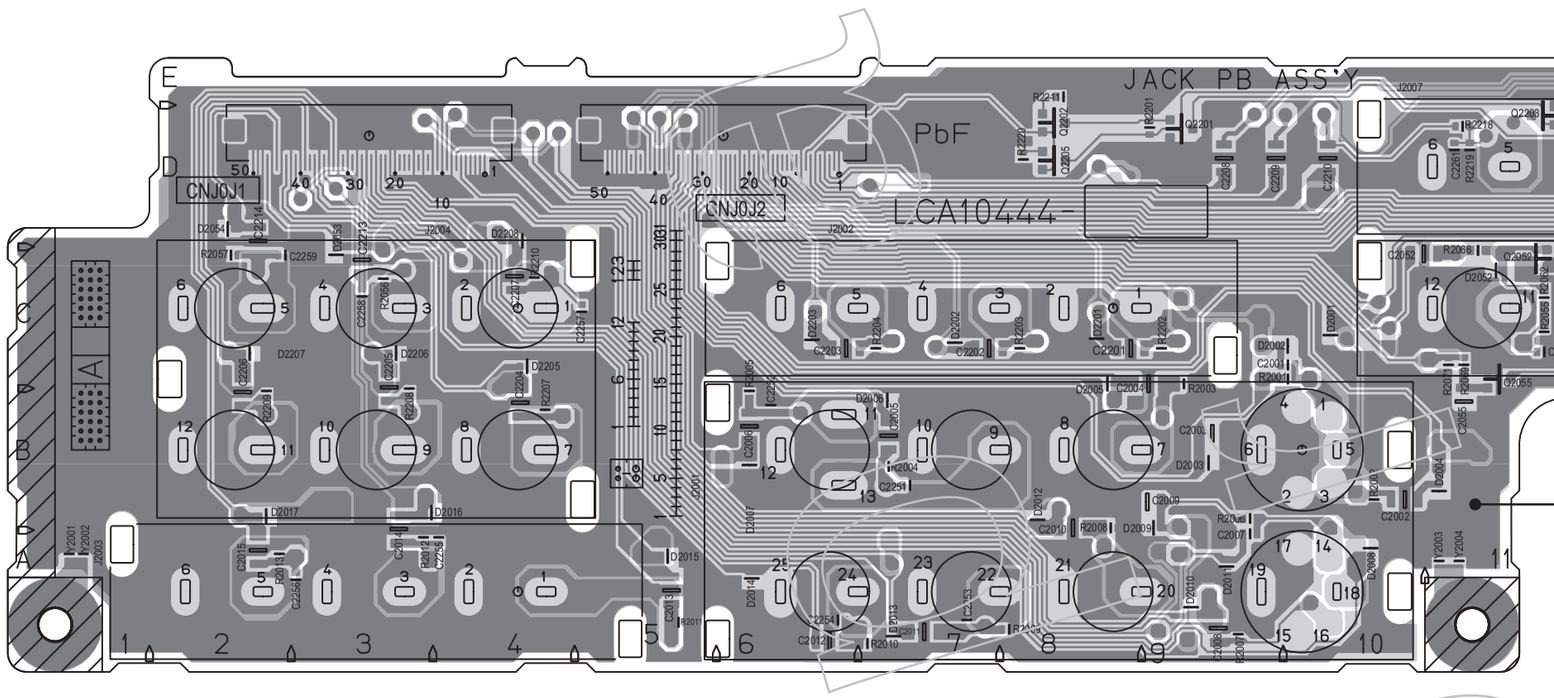
ANALOG SIGNAL PWB PATTERN

FRONT

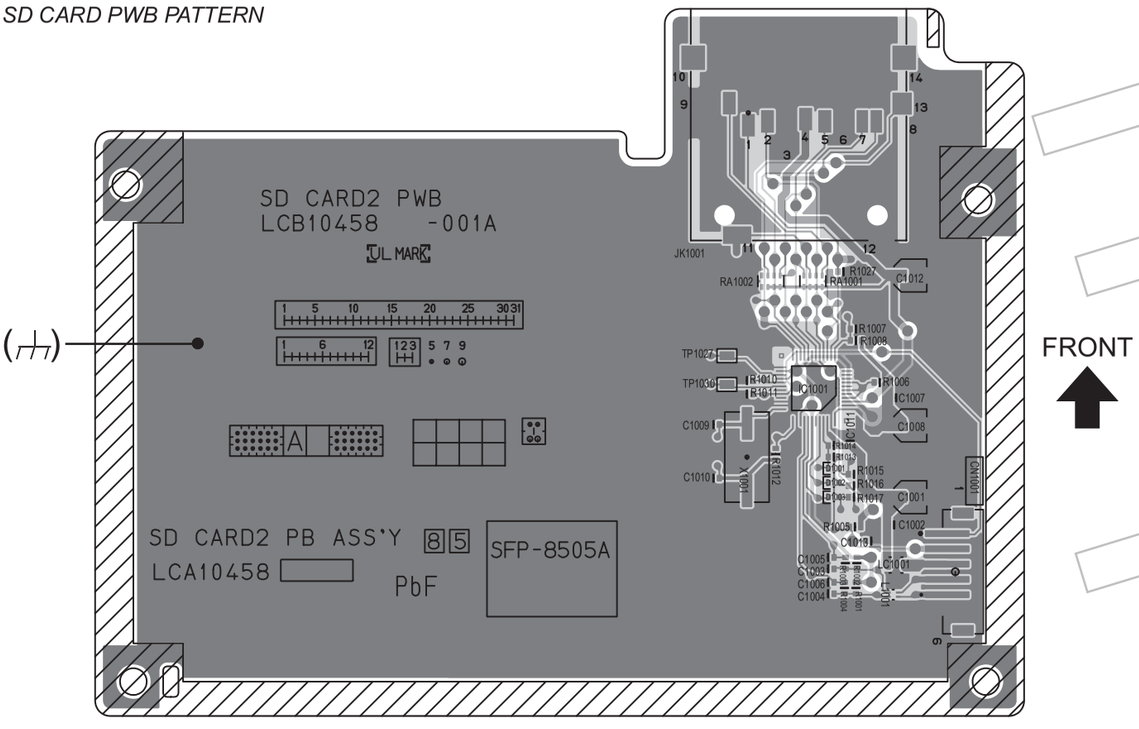




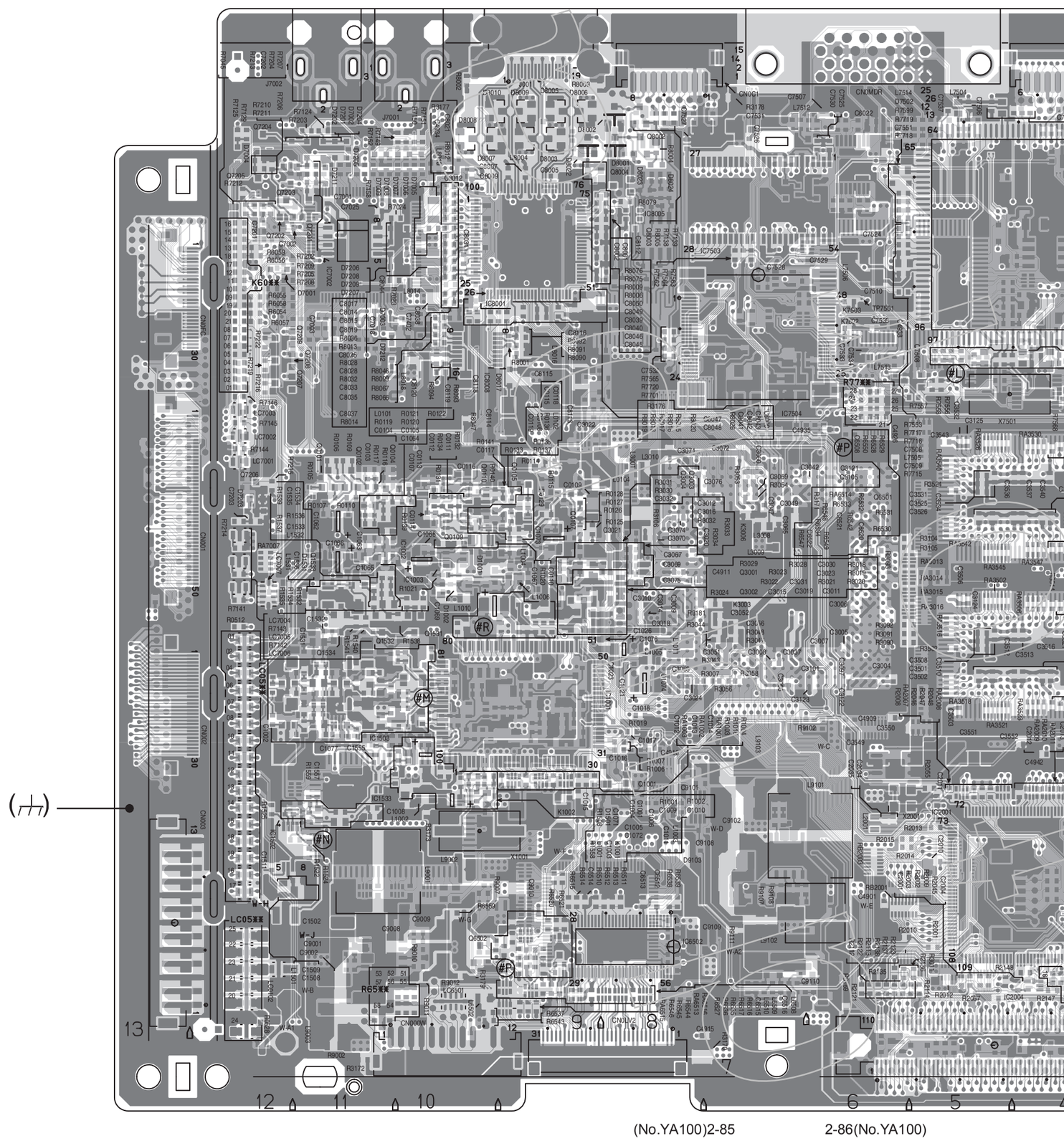
REAR JACK PWB PATTERN



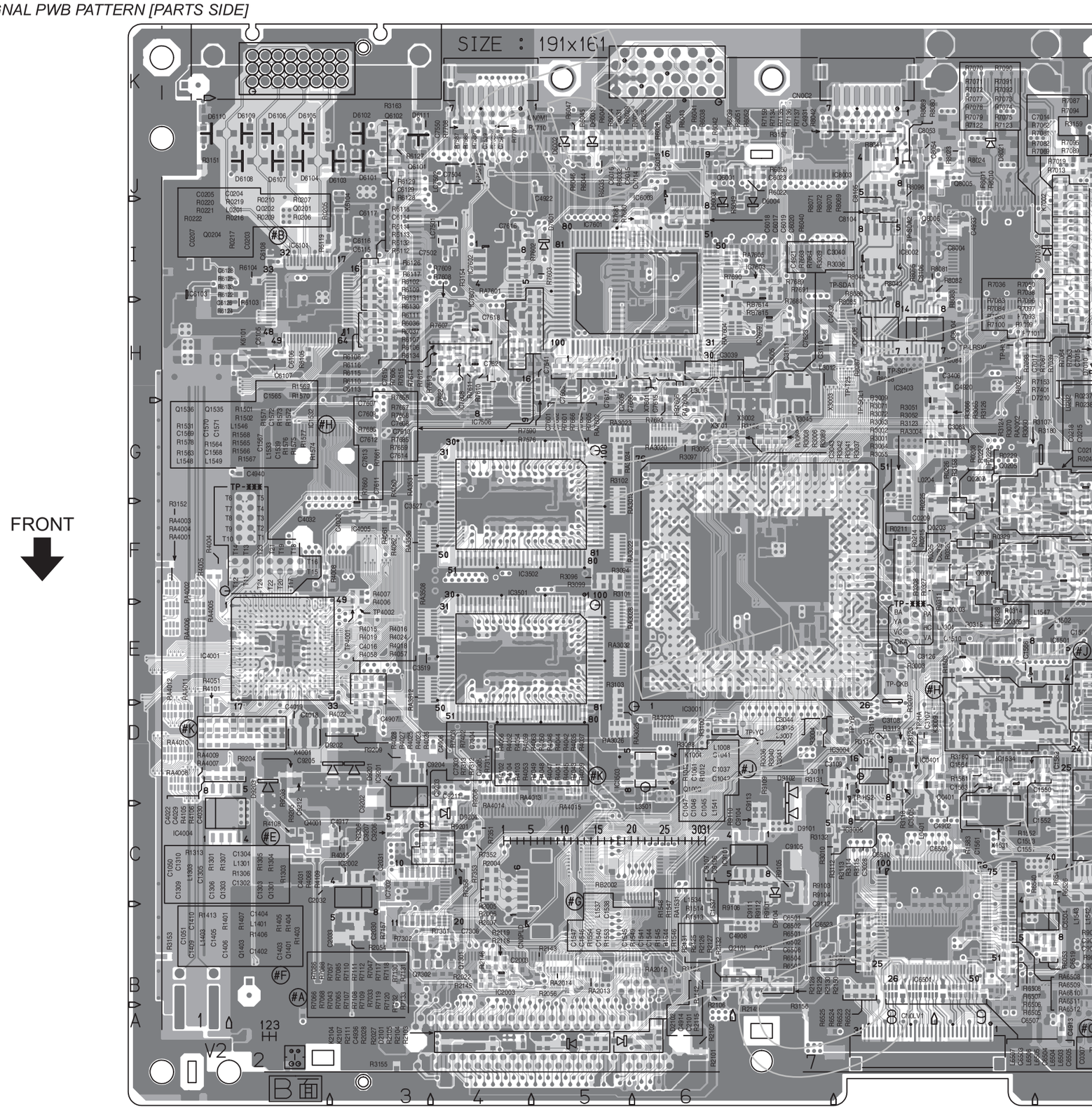
SD CARD PWB PATTERN



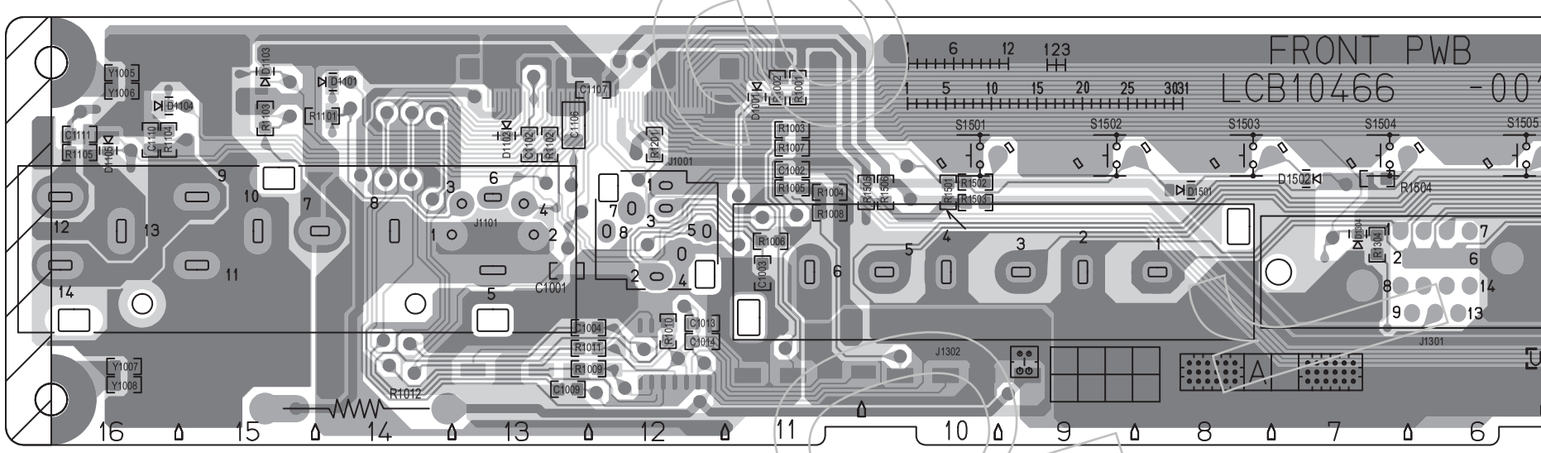
DIGITAL SIGNAL PWB PATTERN [SOLDER SIDE]



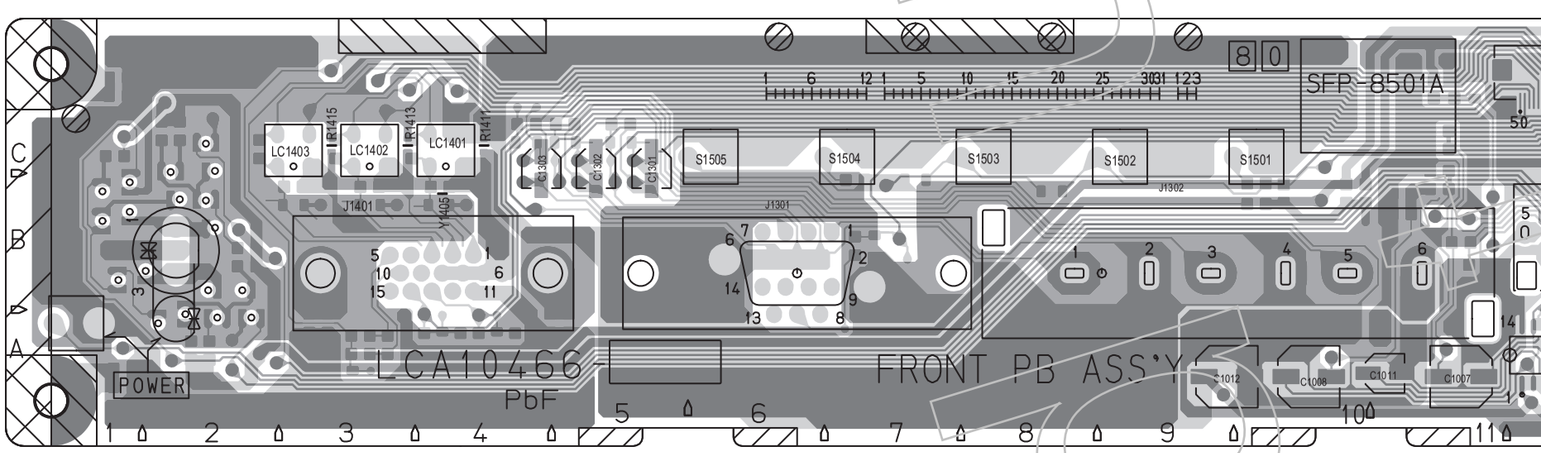
DIGITAL SIGNAL PWB PATTERN [PARTS SIDE]



FRONT CONTROL PWB PATTERN [SOLDER SIDE]

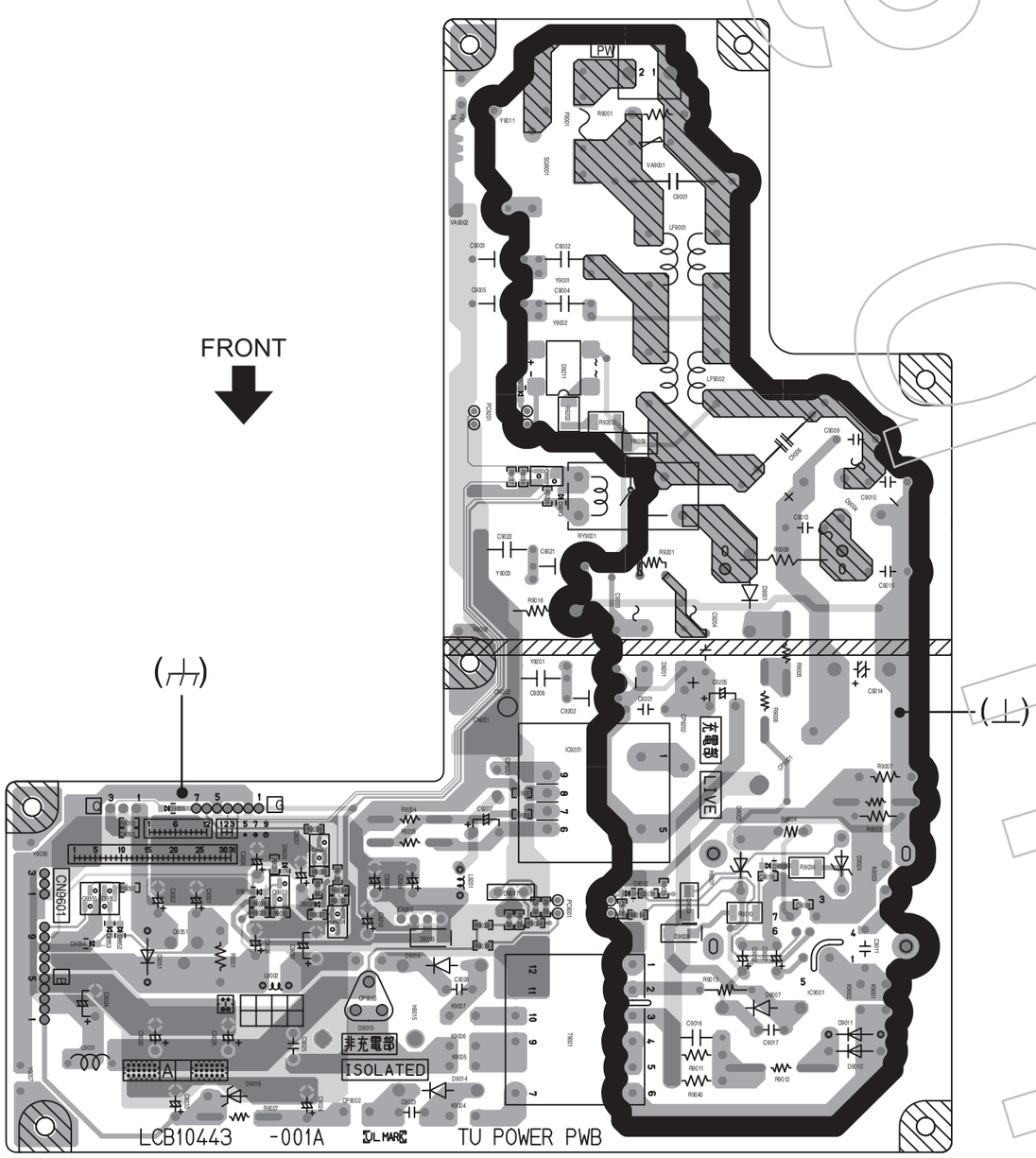


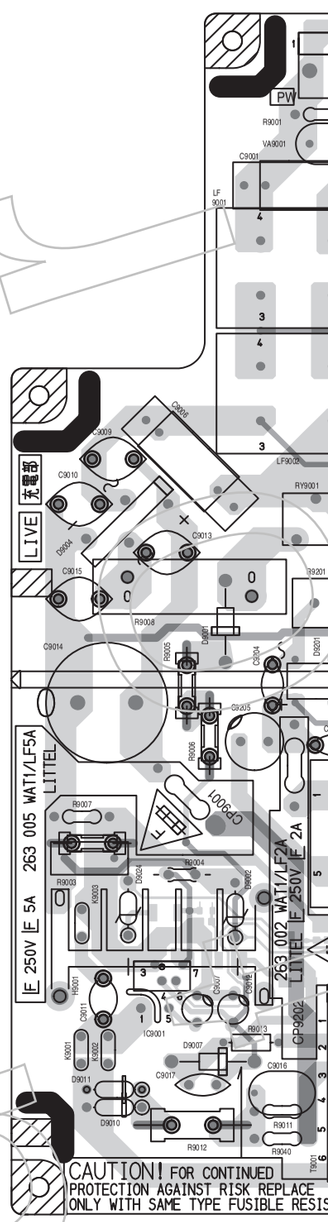
FRONT CONTROL PWB PATTERN [PARTS SIDE]



SYSTEM POWER PWB PATTERN [SOLDER SIDE]

SYSTEM POWER PWB PATTERN [PARTS SI





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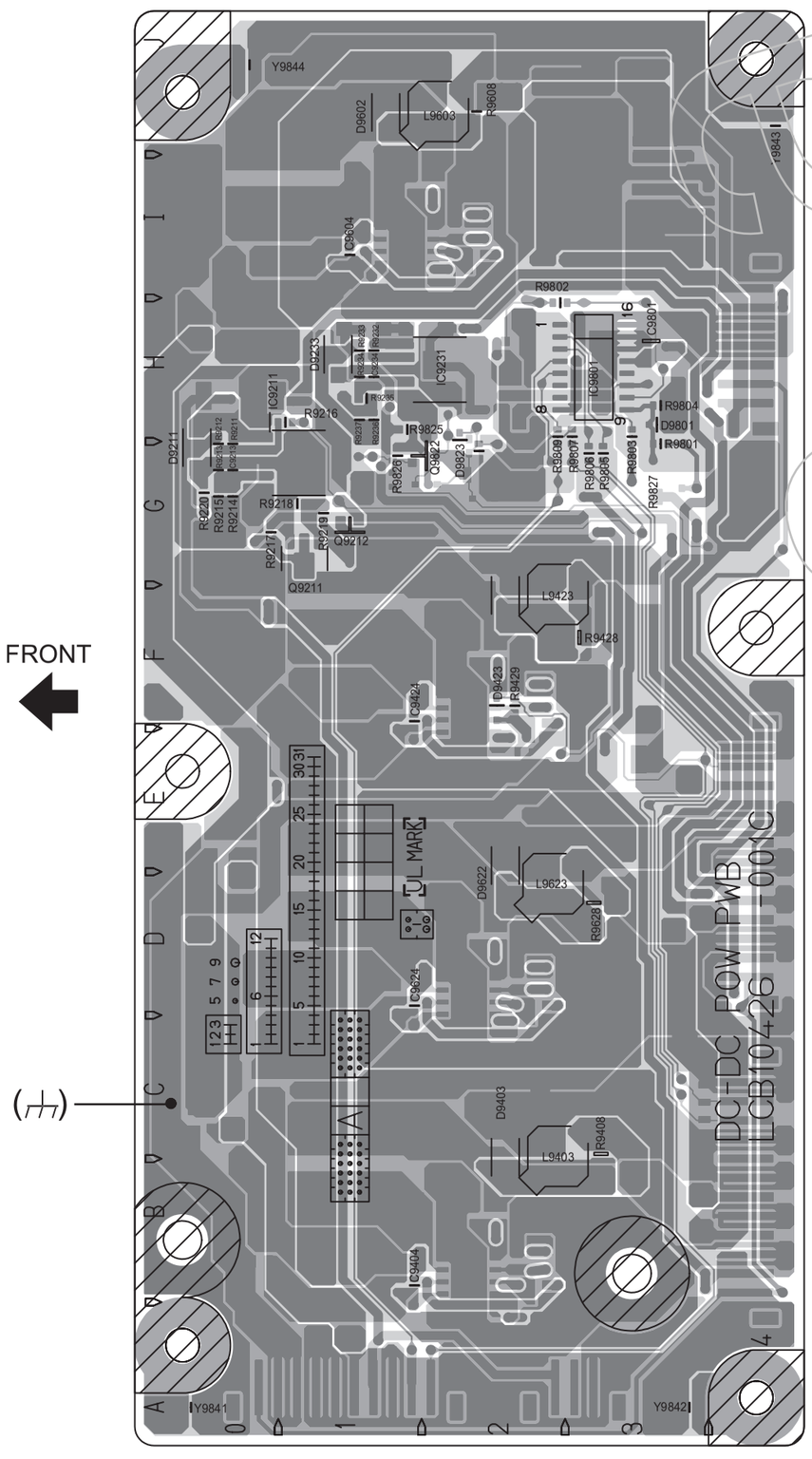
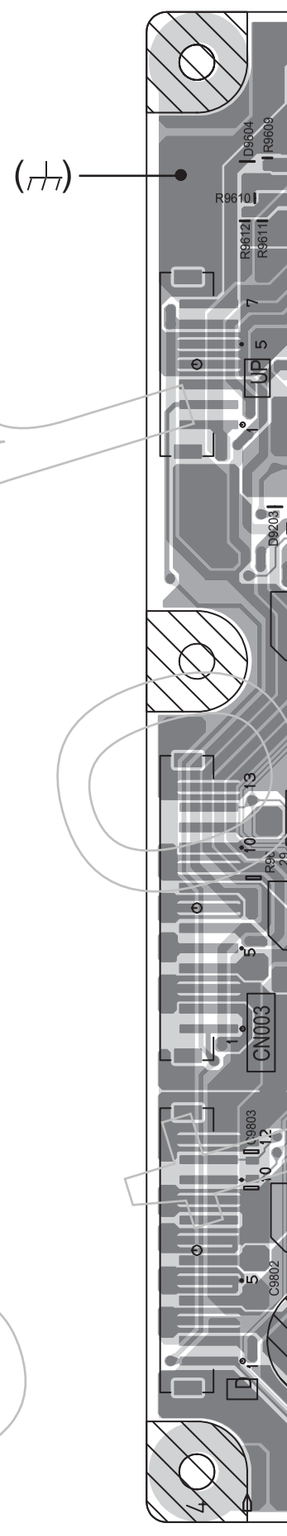
REGULATOR PWB PATTERN [SOLDER SIDE]

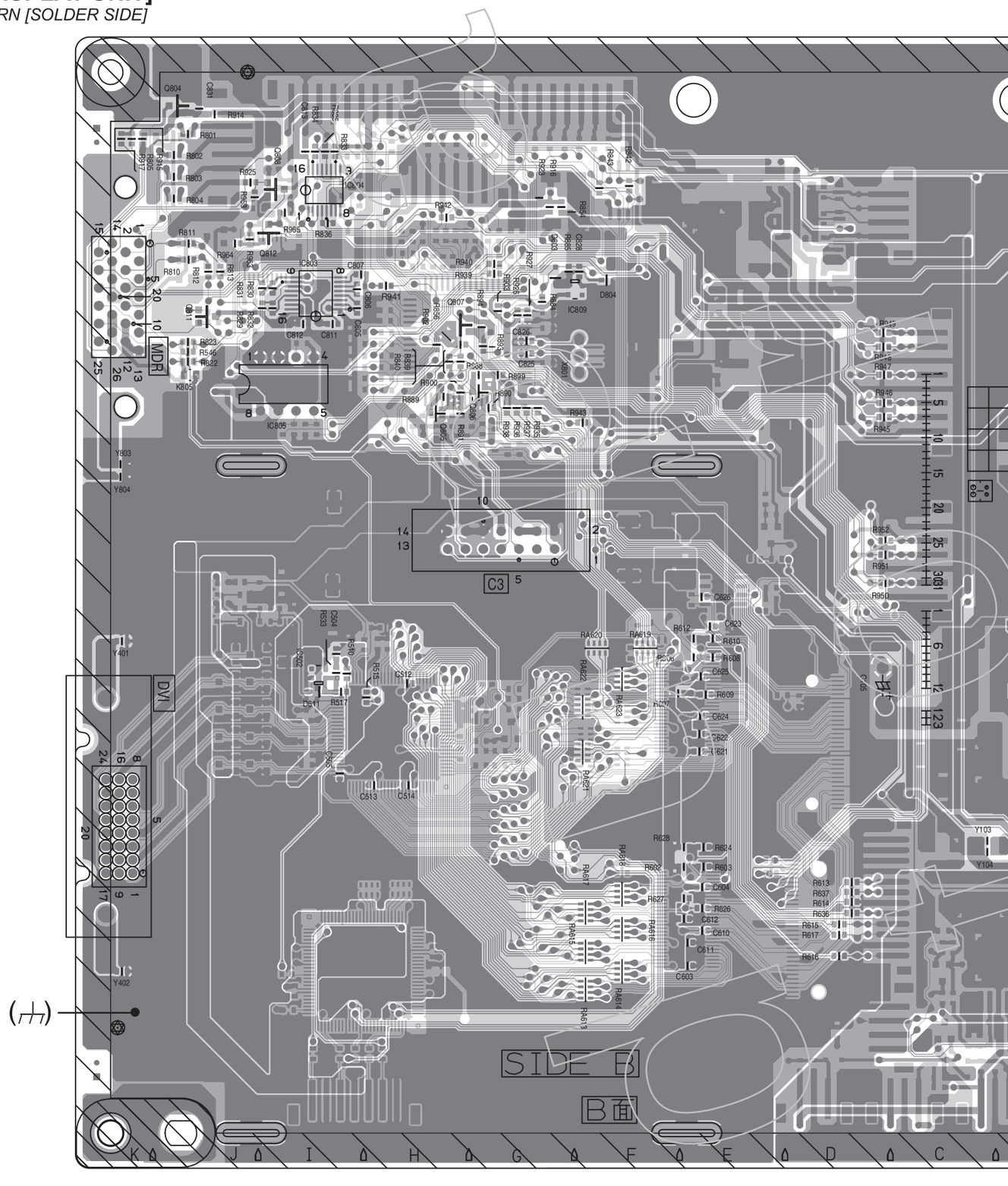


REGULATOR PWB PATTERN [PA



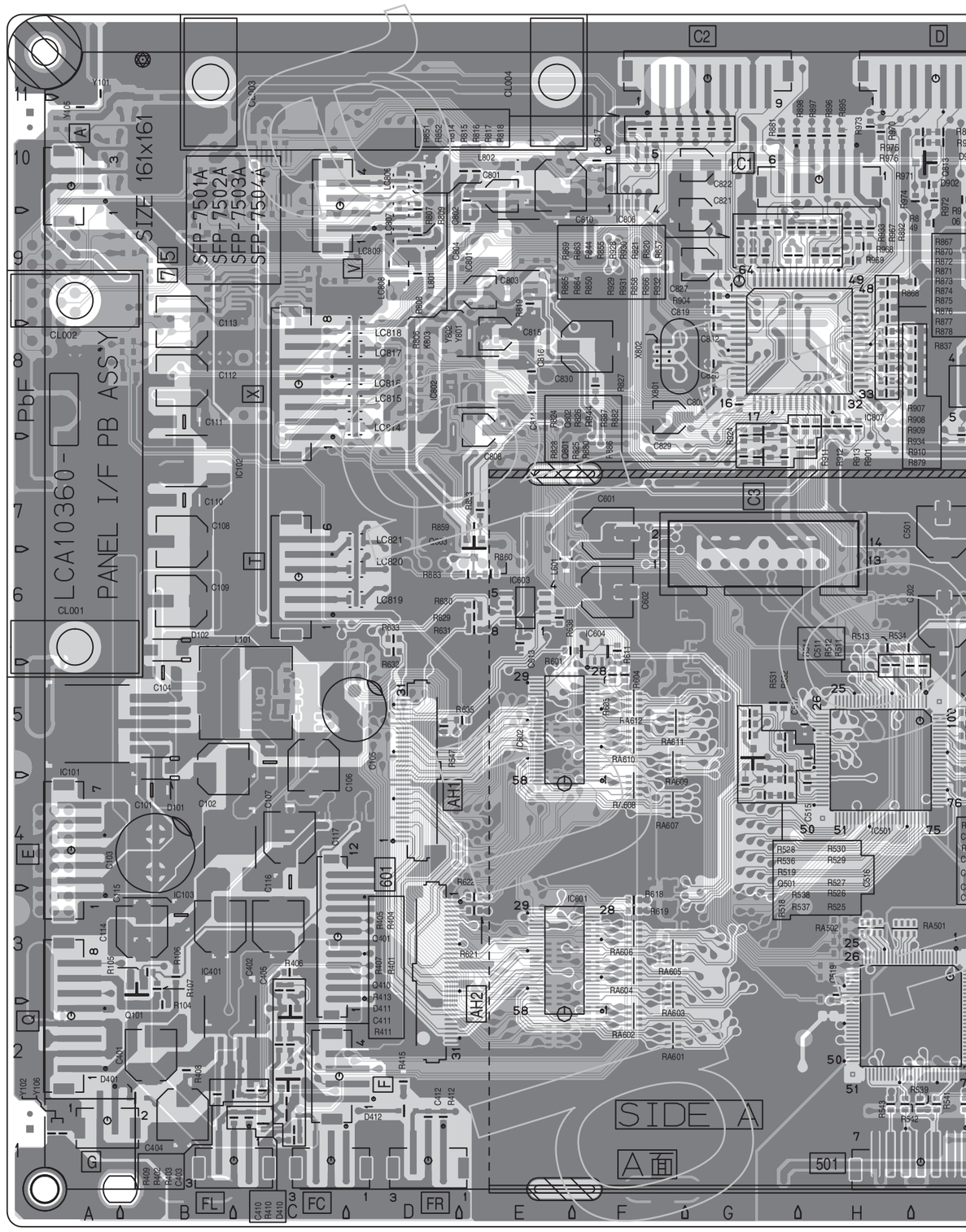
PATTERN DIAGRAMS [DISPLAY UNIT]

DISPLAY INTERFACE PWB PATTERN [SOLDER SIDE]

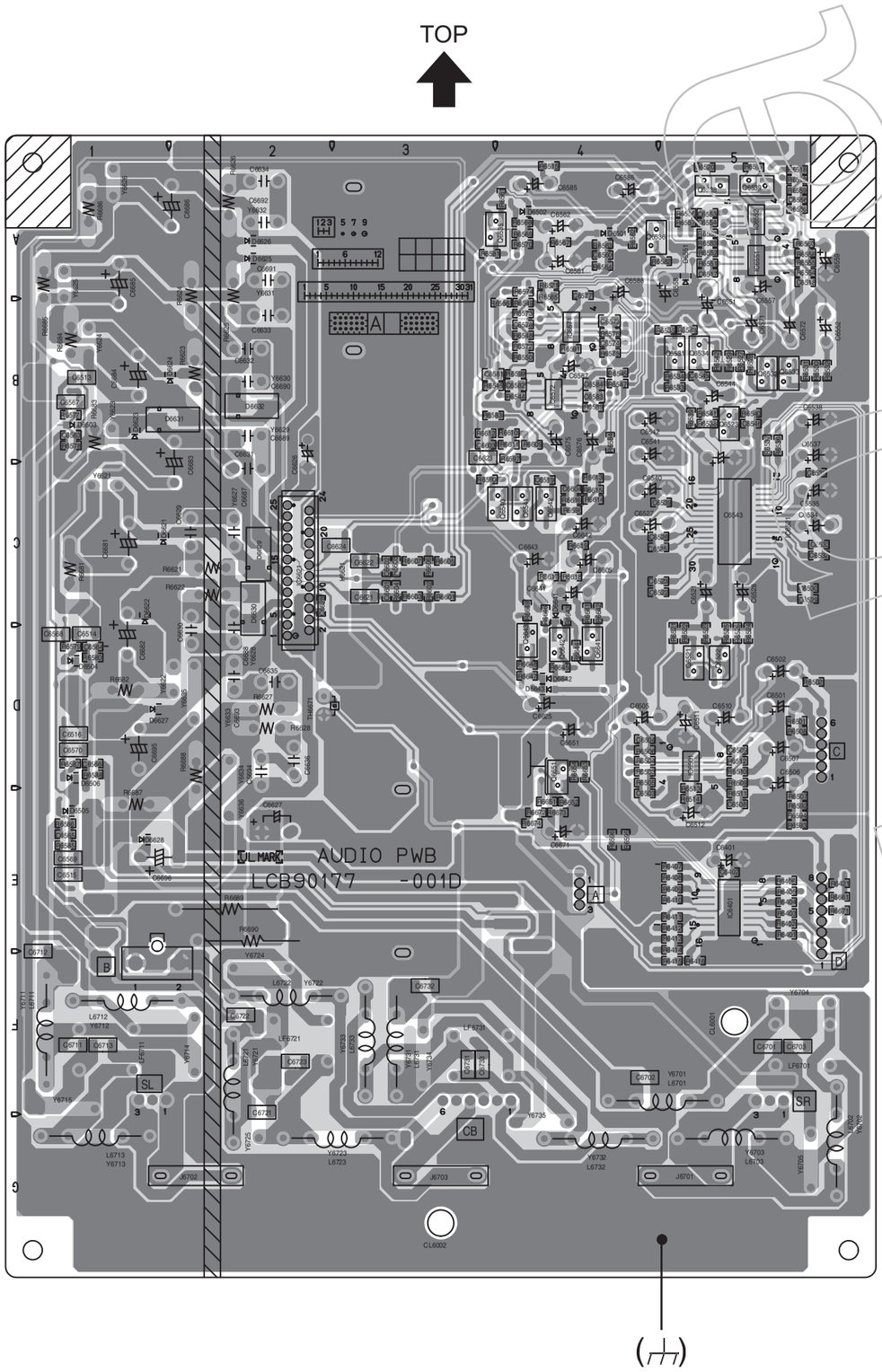


DISPLAY INTERFACE PWB PATTERN [PARTS SIDE]

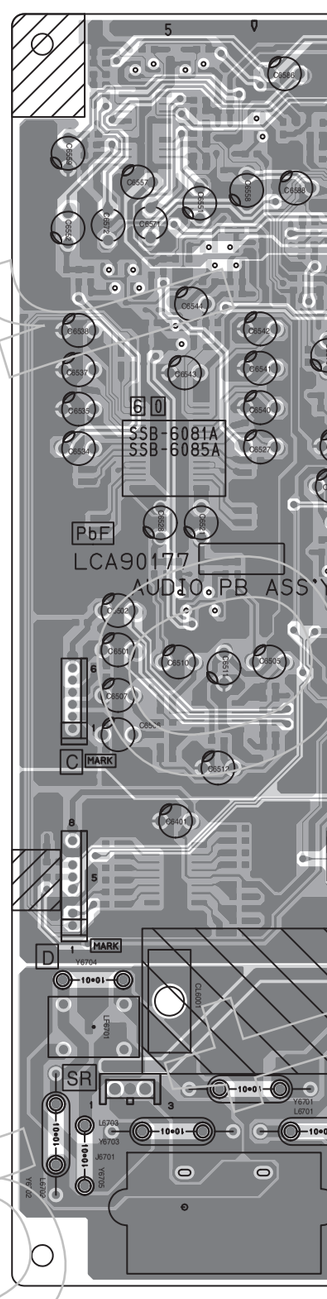
TOP



AUDIO PWB PATTERN [SOLDER SIDE]

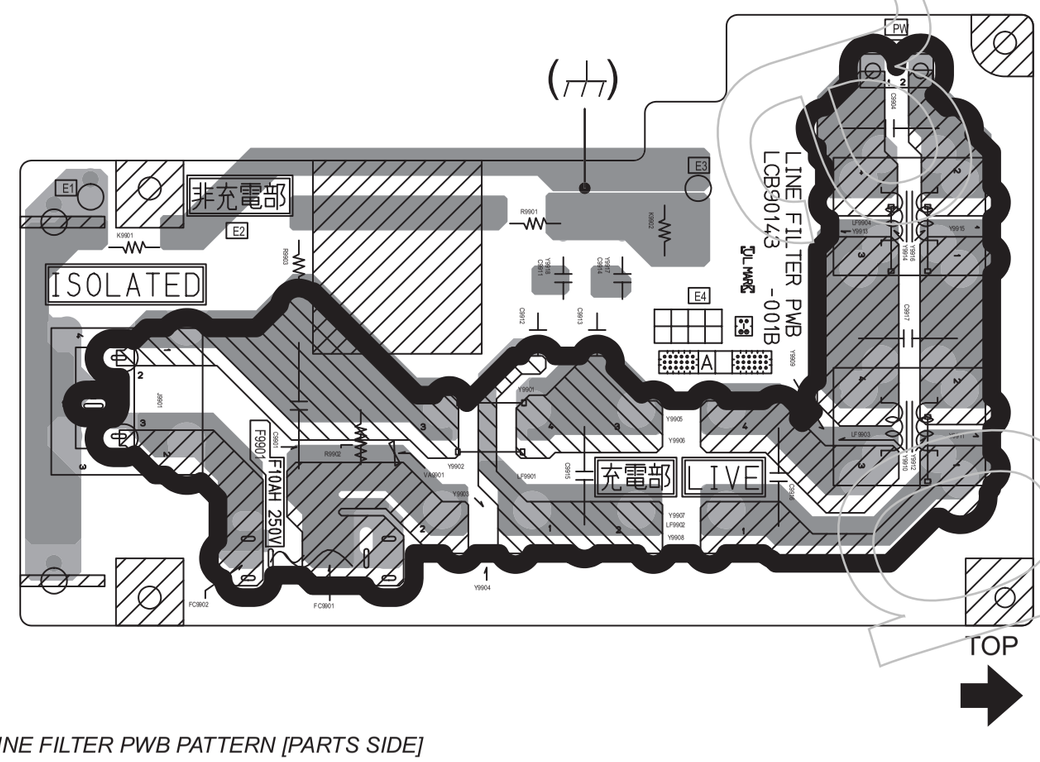


AUDIO PWB PATTERN [PARTS SIDE]

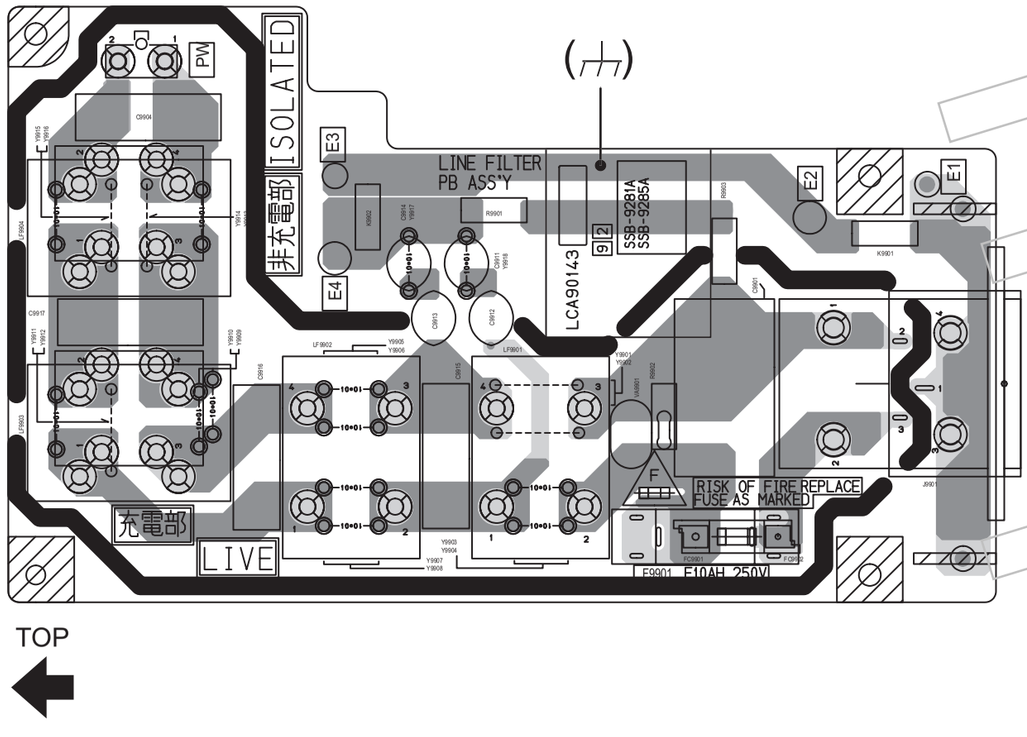


LINE FILTER PWB PATTERN [SOLDER SIDE]

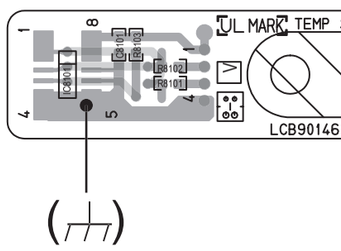
CAUTION :
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH SAME TYPE AND RATED FUSE(S)
AND ROHM'S MFR'S TYPE CP(S).



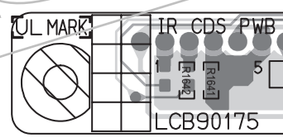
LINE FILTER PWB PATTERN [PARTS SIDE]



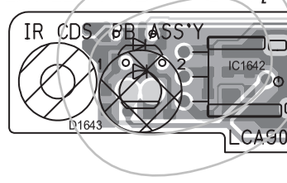
TEMP. SENSOR PWB PATTERN



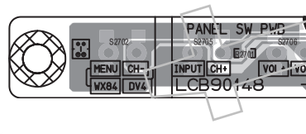
DISPLAY LED PWB PATTERN [SC



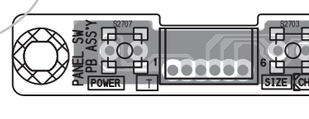
DISPLAY LED PWB PATTERN [PA



DISPLAY SWITCH PWB PATTERN



DISPLAY SWITCH PWB PATTERN

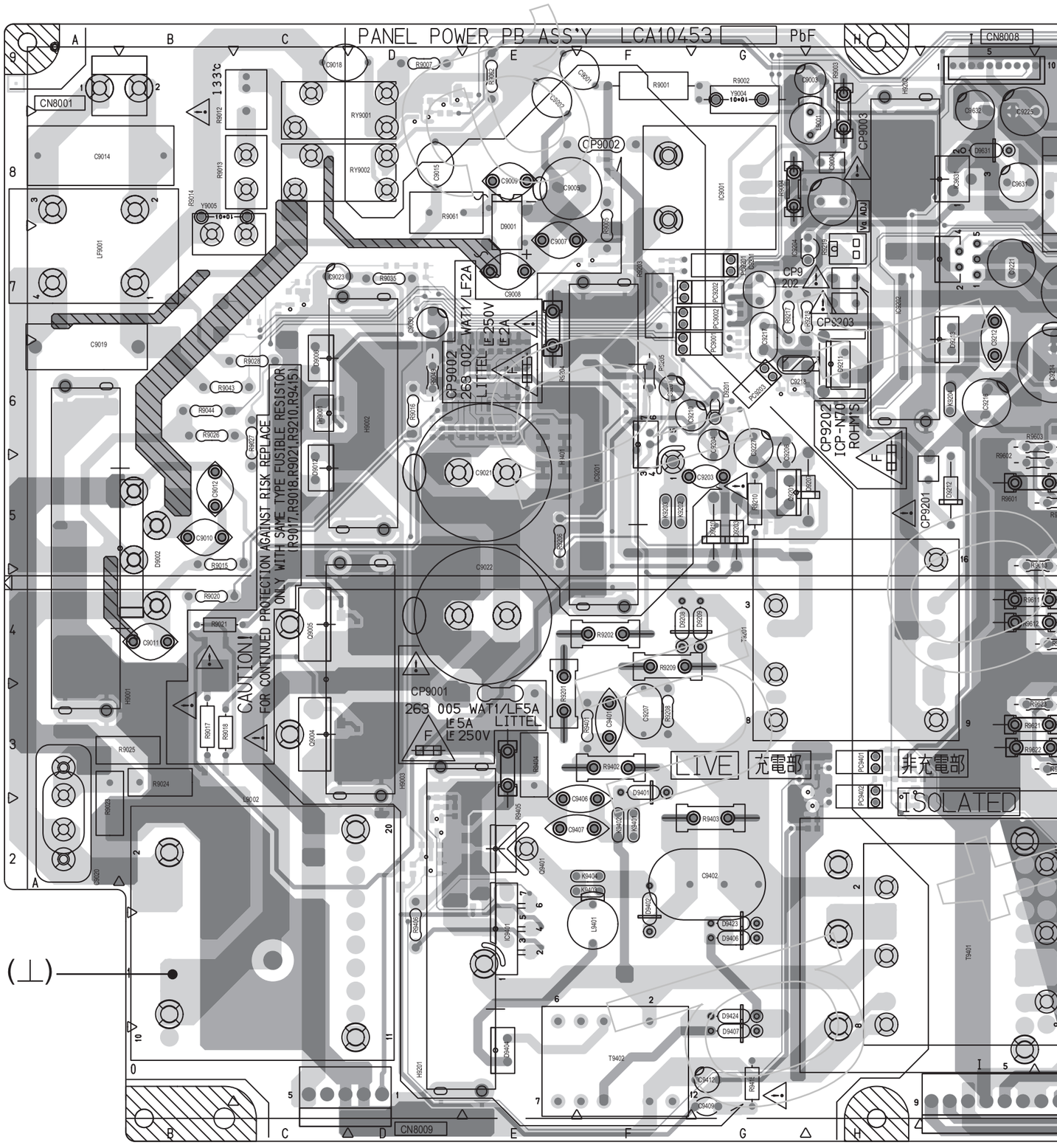


MAIN POWER PWB PATTERN [SOLDER SIDE]

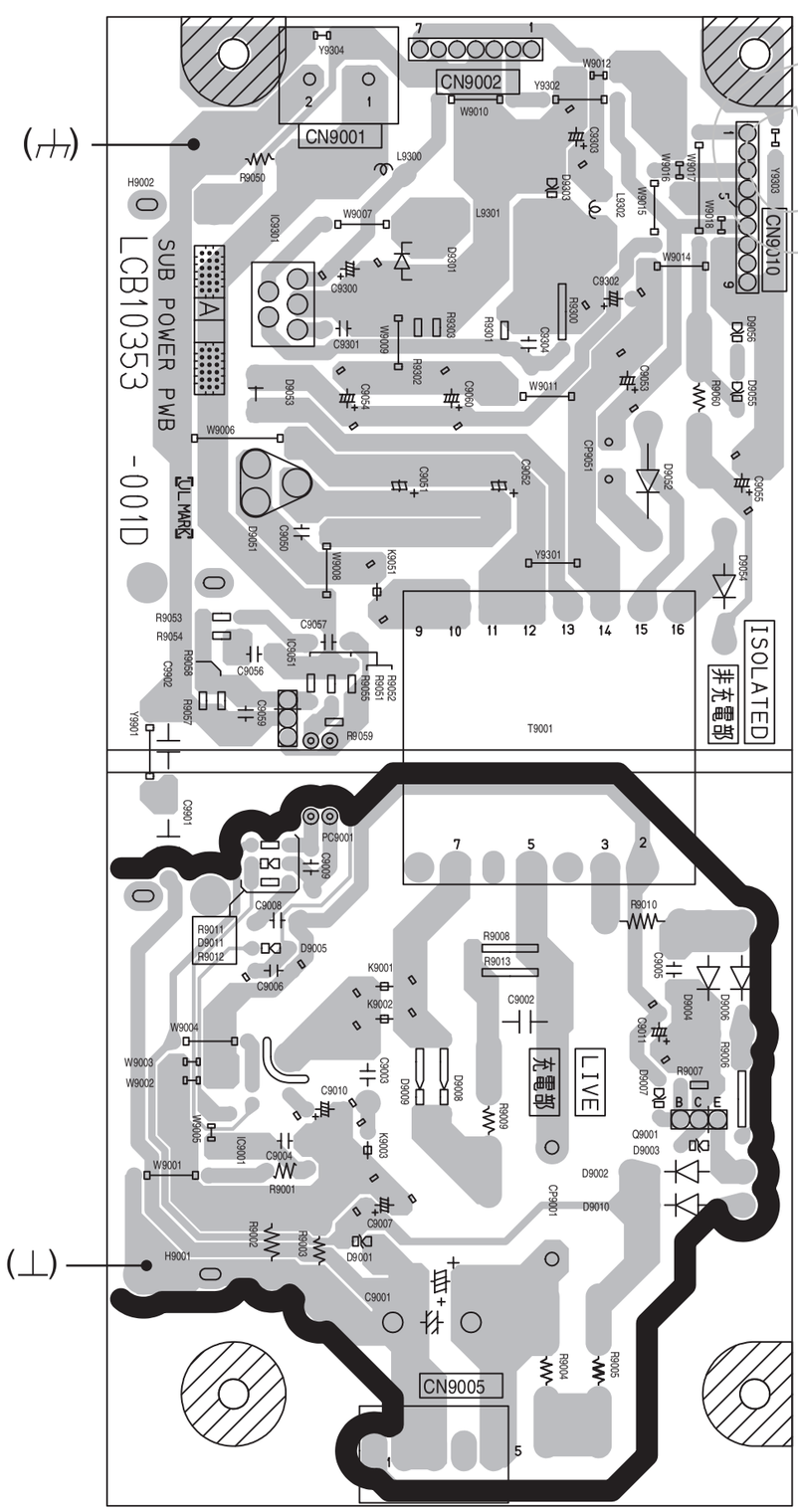
(No.YA100)2-103

2-104(No.YA100)

MAIN POWER PWB PATTERN [PARTS SIDE]



SUB POWER PWB PATTERN



VOLTAGE CHARTS [RECEIVER UNIT]

< RECEIVER PWB >

[P.2-11 - P.2-12]

MODE PIN NO.	DC (V)
IC3101	
1	4.1
2	4.1
3	4.1
4	4.1
5	4.6
6	0
7	0
8	4.0
9	4.0
10	4.1
11	3.9
12	5.5
13	4.1
14	1.3
15	1.3
16	0
17	0
18	4.2
19	8.9
20	0
21	2.6
22	4.1
23	4.0
24	4.0
25	4.1
26	4.1
27	0
28	1.7
29	4.0
30	4.1
31	1.7
32	4.1
33	4.0
34	4.1
35	4.0
36	4.1
37	4.0
38	4.0
39	4.1
40	1.7
41	1.1
42	4.1
43	4.1
44	4.1
45	4.0
46	4.1
47	4.1
48	4.1
IC3102	
1	4.4
2	4.4
3	4.4
4	0
5	4.4
6	4.4
7	4.4
8	8.8
IC3103	
1	4.4
2	4.4
3	4.4
4	0
5	4.4
6	4.4
7	4.4
8	8.8
IC3104	
1	4.0
2	4.4
3	4.1
4	4.4
5	0
6	0
7	0
8	4.4
9	4.0
10	4.2
11	4.1
12	8.8
13	8.8
14	8.8
IC3105	
1	4.4
2	4.3
3	4.4
4	0
5	4.4
6	4.4
7	4.4
8	8.8
Q3001	
E	2.3
C	0
B	1.7

MODE PIN NO.	DC (V)
Q3002	
E	1.8
C	8.8
B	2.3
Q3109	
E	0
C	8.8
B	0
Q3110	
E	0
C	0
B	3.3
Q3151	
E	4.7
C	0
B	4.1
Q3152	
E	4.7
C	0
B	4.1
TU3001	
1	2.2
2	1.9
3	4.9
4	5.0
5	4.9
6	0
7	5.0
8	4.9
9	31.2
10	0
11	0
12	0
13	5.0
14	1.5
15	0
16	1.7
17	2.2
18	0
19	2.2
20	0
21	0

<ANALOG SIGNAL PWB>

[P.2-13 - P.2-14]

MODE PIN NO.	DC (V)
IC501	
1	3.9
2	4.4
3	3.9
4	4.4
5	4.5
6	0
7	4.9
8	4.0
9	4.5
10	4.1
11	4.4
12	4.4
13	0
14	0
15	3.9
16	4.4
17	3.9
18	4.4
19	4.4
20	0
21	5.0
22	3.9
23	4.5
24	3.9
25	4.4
26	4.4
27	0
28	4.9
29	4.4
30	3.9
31	4.5
32	9.0
33	4.6
34	4.4
35	0
36	4.4
37	4.4
38	4.5
39	3.7
40	4.5
41	4.3
42	9.0
43	4.5
44	4.3
45	4.4
46	3.8
47	4.5
48	0
49	4.8

MODE PIN NO.	DC (V)
50	4.4
51	4.4
52	4.5
53	4.4
54	4.5
55	3.7
56	4.0
57	0
58	4.3
59	4.4
60	4.0
61	4.4
62	4.4
63	4.3
64	4.4
IC502	
1	2.2
2	2.1
3	9.0
4	2.3
5	0
6	9.0
IC503	
1	2.9
2	3.0
3	9.0
4	2.6
5	0
6	9.0
IC504	
1	2.2
2	2.1
3	9.0
4	2.2
5	0
6	9.0
Q507	
E	2.8
C	0
B	2.2
Q508	
E	2.8
C	0
B	2.2
Q509	
E	2.5
C	0
B	1.9

[P.2-15 - P.2-16]

MODE PIN NO.	DC (V)
IC711	
1	0
2	2.5
3	4.6
4	0.4
5	2.2
6	4.6
7	0.3
8	0
9	2.4
10	0
11	5.0
12	5.0
13	0
14	4.5
15	4.6
16	5.0
IC801	
1	2.3
2	1.9
3	1.4
4	0.2
5	2.2
6	5.0
7	2.5
8	0
9	0.2
10	0.8
11	2.4
12	5.0
13	4.6
14	4.6
15	0
16	0
17	0
18	0
19	0
20	2.4
21	1.6
22	1.8
23	1.8
24	0
25	2.2
26	1.9

MODE PIN NO.	DC (V)
27	2.2
28	0
29	0
30	0
31	0
32	4.9
33	2.2
34	0
35	2.4
36	0
37	0
38	4.0
39	1.7
40	3.2
41	2.0
42	4.6
43	1.6
44	2.0
45	0
46	2.8
47	3.8
48	1.8
IC802	
1	1.2
2	3.1
3	4.9
4	2.5
5	0
6	1.8
7	2.3
8	0
9	0
10	0
11	4.9
12	0
13	5.0
14	0
15	4.5
16	4.6
17	0
18	0
19	2.5
20	5.0
21	0
22	2.9
23	2.8
24	3.3
25	3.3
26	0
27	3.7
28	1.5
IC803	
1	8.8
2	0
3	5.0
Q402	
S	3.0
D	2.8
G	4.5
Q403	
S	3.0
D	2.9
G	4.6
Q404	
S	3.0
D	3.2
G	4.9
Q405	
S	3.0
D	3.0
G	4.9
Q801	
E	2.7
C	0
B	2.2
Q802	
E	2.6
C	0
B	2.0
Q810	
E	2.0
C	0
B	1.4
Q851	
E	1.6
C	0
B	1.0
Q853	
E	2.0
C	8.8
B	2.6
Q854	
E	2.6
C	8.8
B	3.3

MODE PIN NO.	DC (V)
Q855	
E	1.9
C	0
B	1.3
Q858	
E	3.0
C	8.8
B	3.6
Q859	
E	3.6
C	0
B	3.0
Q862	
E	1.0
C	4.0
B	1.5
Q863	
E	3.4
C	5.0
B	4.0

[P.2-17 - P.2-18]

MODE PIN NO.	DC (V)
IC201	
1	0.3
2	0.2
3	0
4	0
5	0
6	0
7	6.0
8	0
9	4.6
10	0
11	8.7
12	1.2
13	0
14	0
15	0.1
16	0
17	0
18	0
19	0.6
20	0
21	4.5
22	4.5
23	0
24	2.0
25	1.2
26	2.1
27	0
28	0
29	0.2
30	5.0
IC202	
1	0.5
2	0.5
3	0
4	0.2
5	3.2
IC203	
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	5.0
10	5.0
11	5.0
12	0
13	0
14	0
15	0
16	5.0
IC301	
1	4.8
2	4.5
3	4.5
4	0
5	4.6
6	0
7	4.6
8	4.9
9	4.6
10	4.3
11	4.4
12	4.4
13	0
14	4.6
15	0
16	4.6
17	4.9

MODE PIN NO.	DC (V)
18	4.6
19	0
20	4.4
21	4.4
22	0
23	4.4
24	4.4
25	0
26	4.3
27	4.3
28	0
29	0
30	4.3
31	8.8
32	4.4
33	4.5
34	0
35	4.4
36	4.4
37	0
38	4.5
39	0
40	4.4
41	4.4
42	0
43	4.5
44	4.5
45	0
46	4.5
47	8.9
48	4.6
49	0
50	4.3
51	0
52	4.6
53	0
54	4.4
55	4.4
56	0
57	4.6
58	0
59	4.6
60	0
61	4.5
62	4.3
63	4.4
64	4.4
65	0
66	4.6
67	4.5
68	4.5
69	0
70	4.4
71	4.4
72	0
73	5.0
74	4.6
75	4.6
76	4.6
77	0
78	4.3
79	4.4
80	0
IC611	
1	4.4
2	4.4
3	4.4
4	0
5	4.4
6	4.4
7	4.4
8	8.8
IC612	
1	4.4
2	4.4
3	4.4
4	0
5	4.4
6	4.4
7	4.4
8	8.8
Q307	
E	2.8
C	0
B	2.2

[P.2-21 - P.2-22]

MODE PIN NO.	DC (V)
IC902	
1	4.9
2	3.2
3	0
Q901	
E	9.6
C	8.9
B	8.8

<REAR JACK PWB>

[P.2-23 - P.2-24]

MODE PIN NO.	DC (V)
Q2055	
E	0
C	0
B	0
Q2201	
E	0
C	0
B	0
Q2203	
E	0
C	0
B	0
Q2204	
E	0
C	0
B	0
Q2205	
E	0
C	0
B	0

<DIGITAL SIGNAL PWB>

[P.2-27 - P.2-28]

MODE PIN NO.	DC (V)
IC0401	
1	3.2
2	0.2
3	0
4	3.2
5	3.3
Q0201	
E	3.7
C	7.7
B	4.4
Q0202	
E	8.4
C	4.9
B	7.8
Q0203	
E	0
C	1.8
B	0
Q0204	
E	5.6
C	0
B	4.9
Q0207	
E	2.5
C	0
B	1.9
Q0208	
E	1.5
C	9.0
B	2.3
Q0209	
1	2.4
2	0
3	2.4
4	2.4
5	0
6	2.5
Q0210	
1	0
2	0.6
3	0.6
4	0
5	0.6
6	0
Q0301	
E	3.7
C	7.7
B	4.4
Q0302	
E	8.4
C	4.9
B	7.7
Q0303	
E	0
C	1.9
B	0
Q0304	
E	5.6
C	0
B	4.9
Q0307	
E	2.5
C	0
B	1.9
Q0308	
E	1.7
C	9.0
B	2.4

MODE PIN NO.	DC (V)
Q0309	
1	2.4
2	0.1
3	2.3
4	2.5
5	0
6	2.5
Q0310	
1	0
2	0.6
3	0.6
4	0
5	0.5
6	0

[P.2-29 - P.2-30]

MODE PIN NO.	DC (V)
Q1003	
E	1.4
C	2.5
B	2.0
Q1004	
E	4.2
C	0
B	3.7
Q1301	
E	3.8
C	9.0
B	4.5
Q1303	
E	2.5
C	0
B	1.9
Q1401	
E	3.8
C	9.0
B	4.4
Q1403	
E	2.5
C	0
B	1.9

[P.2-33 - P.2-34]

MODE PIN NO.	DC (V)
IC3004	
1	3.3
2	3.3
3	0.1
4	0.2
5	0
6	0
7	0
8	0
9	0
10	3.5
11	0
12	0
13	0
14	0
15	3.2
16	5.0
IC3005	
1	0
2	0
3	0
4	0
5	3.3
IC3006	
1	3.3
2	0.1
3	0
4	0
5	0.2
6	0.2
7	3.3
8	3.3
IC3403	
1	0
2	3.3
3	0
4	3.3
IC3501	
1	1.2
2	2.5
3	1.2
4	1.2
5	0
6	1.2
7	1.1
8	2.4
9	1.2
10	1.2
11	0

MODE PIN NO.	DC (V)
12	1.2
13	1.2
14	2.5
15	2.5
16	0
17	1.2
18	1.2
19	0
20	1.2
21	1.2
22	2.4
23	0.4
24	0.4
25	1.7
26	1.7
27	1.7
28	0
29	0.7
30	0.6
31	0.7
32	0.7
33	0.7
34	0.7
35	2.5
36	0.6
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0.6
46	0
47	0.7
48	0.7
49	0.7
50	0.7
51	0.6
52	0
53	1.8
54	1.3
55	1.2
56	0.3
57	0.4
58	1.2
59	2.5
60	1.2
61	1.2
62	0
63	1.1
64	1.2
65	2.5
66	0
67	2.5
68	1.2
69	1.2
70	0
71	1.2
72	1.2
73	2.5
74	1.2
75	1.2
76	0
77	1.2
78	1.2
79	2.5
80	1.2
81	1.2
82	0
83	1.2
84	1.2
85	0
86	2.5
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	1.2
95	2.5
96	2.5
97	1.2
98	1.2
99	0
100	1.2
IC3502	
1	1.2
2	2.5
3	1.2
4	1.2
5	0
6	1.2
7	1.1

MODE PIN NO.	DC (V)
8	2.4
9	1.2
10	1.2
11	0
12	1.2
13	1.2
14	2.5
15	2.5
16	0
17	1.2
18	1.2
19	0
20	1.2
21	1.2
22	2.4
23	0.4
24	0.4
25	1.7
26	1.7
27	1.7
28	0
29	0.7
30	0.6
31	0.7
32	0.7
33	0.7
34	0.7
35	2.5
36	0.6
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0.6
46	0
47	0.7
48	0.7
49	0.7
50	0.7
51	0.6
52	0
53	1.8
54	1.3
55	1.2
56	0.3
57	0.4
58	1.2
59	2.5
60	1.2
61	1.2
62	0
63	1.1
64	1.2
65	2.5
66	0
67	2.5
68	1.2
69	1.2
70	0
71	1.2
72	1.2
73	2.5
74	1.2
75	1.2
76	0
77	1.2
78	1.2
79	2.5
80	1.2
81	1.2
82	0
83	1.2
84	1.2
85	0
86	2.5
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	1.2
95	2.5
96	2.5
97	1.2
98	1.2
99	0
100	1.2

MODE PIN NO.	DC (V)
IC3503	
1	0
2	2.5
3	1.0
4	1.1
5	2.5
6	2.5
7	2.5
8	1.2

[P.2-35 - P.2-36]

MODE PIN NO.	DC (V)
IC4004	
1	0
2	0
3	0
4	0
5	3.2
6	3.3
7	0
8	3.3
IC4005	
1	2.7
2	1.2
3	0
4	0.2
5	3.3

[P.2-39 - P.2-40]

MODE PIN NO.	DC (V)
IC6003	
1	0
2	3.6
3	5.9
4	0.2
5	0.7
6	0
7	-5.3
8	-4.6
9	3.3
10	3.3
11	3.3
12	3.3
13	-5.3
14	0
15	3.3
16	3.2
IC6101	
1	3.3
2	2.7
3	3.3
4	3.2
5	0
6	0
7	3.3
8	3.2
9	1.9
10	0
11	3.3
12	3.3
13	3.3
14	3.2
15	3.32
16	0
17	0
18	3.3
19	2.7
20	0
21	3.0
22	3.0
23	3.3
24	2.3
25	3.0
26	0
27	3.0
28	3.0
29	3.3
30	3.0
31	3.0
32	0
33	0
34	0
35	0
36	1.1
37	0.5
38	0.6
39	0.4
40	0.5
41	0.3
42	0.3
43	0.4
44	1.1
45	0.2
46	0.8

MODE PIN NO.	DC (V)
47	0.3
48	0
49	3.3
50	0.5
51	0.4
52	0.6
53	0.5
54	1.0
55	0.3
56	0
57	1.2
58	0.6
59	0.6
60	0.4
61	0.6
62	0.6
63	0.4
64	0
IC6103	
1	3.3
2	3.3
3	3.3
4	0
Q6001	
E	0
C	0
B	0.6
Q6101	
S	3.3
D	3.2
G	5.0
Q6102	
S	3.3
D	3.2
G	4.9

[P.2-41 - P.2-42]

MODE PIN NO.	DC (V)
IC7601	
1	0.2
2	1.3
3	0
4	0
5	0
6	2.0
7	3.2
8	0
9	0
10	0
11	0
12	3.3
13	1.9
14	0
15	1.5
16	3.3
17	1.0
18	1.5
19	0.4
20	3.3
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	5.0
30	3.3
31	0
32	0
33	0
34	0
35	3.3
36	3.1
37	0
38	3.3
39	0
40	0
41	3.3
42	0
43	0
44	0
45	0
46	0
47	0
48	3.2
49	3.3
50	00
51	0
52	0
53	0
54	0
55	0
56	0
57	0

MODE PIN NO.	DC (V)
58	0
59	0
60	0
61	0
62	3.0
63	0
64	3.3
65	0
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	0
79	0
80	0
81	0
82	0
83	0
84	3.3
85	0
86	3.7
87	0
88	3.3
89	0
90	0
91	0
92	0
93	3.8
94	3.8
95	0
96	0.3
97	0.5
98	0
99	4.9
100	2.1
IC7602	
1	0
2	0
3	0
4	0
5	3.2
6	3.2
7	0.1
8	3.3
IC7603	
1	0
2	0
3	0
4	3.3
5	3.2
IC7607	
1	1.9
2	1.9
3	5.0
4	1.5
5	0
6	5.0
IC7608	
1	1.9
2	1.9
3	4.9
4	1.6
5	0
6	5.0
IC7609	
1	3.3
2	3.3
3	0
4	5.0
5	5.0

[P.2-43 - P.2-44]

MODE PIN NO.	DC (V)
IC7001	
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	3.3
9	0
10	3.3
11	3.3
12	3.3
13	3.2

MODE PIN NO.	DC (V)
14	0
15	3.3
16	0
17	3.3
18	0
19	0
20	3.3
21	3.3
22	3.3
23	1.5
24	0
25	3.3
26	3.3
27	0
28	3.2
29	0
30	0
31	3.1
32	0
33	0
34	3.3
35	0
36	3.2
37	0
38	0
39	3.3
40	3.7
41	0
42	3.2
43	0
44	0
45	1.8
46	0
47	0
48	3.3
49	3.3
50	2.0
51	3.3
52	3.3
53	3.3
54	3.3
55	3.2
56	3.3
57	3.3
58	3.3
59	3.3
60	3.3
61	0
62	0
63	0
64	0
65	0
66	3.3
67	0
68	3.2
69	3.3
70	3.3
71	3.3
72	0
73	3.3
74	3.3
75	3.2
76	3.3
77	3.2
78	0
79	3.2
80	0
81	0
82	3.3
83	3.3
84	3.3
85	3.3
86	3.3
87	0
88	0
89	3.3
90	0
91	3.2
92	0
93	3.3
94	0
95	3.3
96	3.3
97	0
98	0
99	3.2
100	2.4
IC7401	
1	3.3
2	3.3
3	0
4	0

[P.2-45 - P.2-46]

MODE PIN NO.	DC (V)
IC9001	
1	7.9
2	19.0
3	3.1
4	0
5	1.2
6	1.3
7	5.0
8	0
IC9201	
1	6.2
2	19.0
3	1.4
4	0
5	1.2
6	1.2
7	4.8
8	0

<FRONT CONTROL PWB>

[P.2-47 - P.2-48]

MODE PIN NO.	DC (V)
Q1201	
E	0
C	0
B	3.2
Q1205	
E	2.9
C	2.8
B	0
Q1206	
E	4.9
C	0
B	4.8
Q1209	
E	0
C	4.9
B	0

<SD CARD2 PWB>

[P.2-49 - P.2-50]

MODE PIN NO.	DC (V)
IC1001	
1	3.5
2	3.5
3	3.5
4	3.5
5	0
6	3.5
7	0
8	3.5
9	3.5
10	3.5
11	0
12	0
13	3.5
14	3.5
15	0
16	3.5
17	3.5
18	1.7
19	0
20	3.5
21	3.5
22	3.5
23	3.5
24	0
25	0
26	3.5
27	3.5
28	3.5
29	3.5
30	0
31	0
32	0
33	3.5
34	0
35	0
36	0
37	1.8
38	0
39	3.5
40	3.1
41	0
42	0
43	4.9
44	4.9
45	4.1
46	4.9
47	0
48	3.5
CN8001	
1	0
2	4.1
3	4.9
4	0
5	3.2
6	0

VOLTAGE CHARTS [DISPLAY UNIT]

<DISPLAY INTERFACE PWB>
[P.2-55 - P.2-56]

MODE PIN NO.	DC (V)
IC801	
1	5.0
2	0
3	3.4
IC802	
1	11.9
2	0
3	5.0
IC803	
1	0
2	5.0
3	7.6
4	0
5	0
6	-5.5
7	-5.6
8	-3.7
9	4.9
10	5.0
11	5.0
12	5.0
13	-5.5
14	0
15	5.0
16	5.0
IC805	
1	0
2	0
3	0
4	0
5	4.9
6	4.9
7	0
8	5.0
IC807	
1	1.8
2	0
3	5.0
4	2.8
5	0
6	3.2
7	5.0
8	0
9	0
10	2.3
11	1.4
12	5.0
13	0
14	0
15	0
16	0
17	4.9
18	0
19	0
20	5.0
21	5.0
22	0
23	4.7
24	4.9
25	4.9
26	4.6
27	4.7
28	4.4
29	4.4
30	1.9
31	1.8
32	0
33	0
34	0
35	4.8
36	4.9
37	0
38	0
39	4.3
40	4.7
41	4.8
42	4.8
43	4.8
44	0
45	4.9
46	5.0
47	4.7
48	1.8
49	1.8
50	1.8
51	0
52	3.8
53	0
54	0.5
55	3.2
56	4.8
57	1.8
58	1.7
59	0.2
60	0
61	0
62	0.7
63	3.8
64	3.8
IC809	
1	5.0
2	5.0
3	0
4	0
Q803	
E	5.0
C	5.0
B	4.4
Q804	
E	0
C	0
B	0.6
Q805	
S	3.3
D	3.6
G	4.4
Q806	
S	3.3
D	2.9
G	4.4
Q807	
E	5.0
C	4.9
B	4.4
Q808	
E	0
C	5.0
B	0

[P.2-57 - P.2-58]

MODE PIN NO.	DC (V)
IC501	
1	3.3
2	3.3
3	3.3
4	0
5	0
6	3.3
7	0
8	3.3
9	3.3
10	0.7
11	0.8
12	0.8
13	0.7
14	0.9
15	0.9
16	0.8
17	1.2
18	3.3
19	0
20	0.7
21	0.7
22	0.7
23	0.9
24	0.3
25	1.2
26	0.2
27	1.3
28	0
29	3.3
30	0.7
31	0.7
32	0
33	0.8
34	0.6
35	0
36	0.6
37	1.1
38	3.3
39	0
40	0.2
41	3.2
42	0
43	0
44	1.6
45	0
46	2.9
47	0
48	3.3
49	0
50	0
51	0
52	0
53	0
54	0
55	0
56	0
57	3.3
58	0
59	0
60	0
61	0
62	0
63	0
64	0
65	0
66	0
67	3.3
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	3.3
79	0
80	3.0
81	3.0
82	3.3
83	0
84	3.3
85	3.0
86	0
87	0
88	3.3
89	0
90	3.0
91	3.1
92	0
93	3.0
94	0
95	0
96	3.0
97	0
98	0
99	0
100	0
IC502	
1	3.3
2	3.3
3	0
4	0
IC601	
1	3.3
2	1.2
3	0.8
4	0
5	0
6	0.7
7	0
8	0
9	3.3
10	1.3
11	0.8
12	0.5
13	0
14	1.1
15	0.7
16	0.8
17	0
18	0
19	0.8
20	0.8
21	0
22	0.9
23	0.9
24	0.9
25	1.6
26	3.3
27	0
28	0
29	0
30	3.3
31	0
32	3.3
33	0
34	0
35	0
36	0
37	1.2
38	1.3
39	1.3
40	1.1
41	1.2
42	1.2
43	0
44	3.3
45	1.1
46	1.3
47	1.1
48	1.3
49	0
50	0.6
51	0.7
52	0.7
53	0
54	0.7
55	0.8
56	0.6
Q703	
S	3.3
D	3.3
G	4.9
Q704	
S	3.3
D	3.3
G	5.0
CN0AH2	
1	0
2	0
3	3.0
4	0
5	3.0
6	0
7	0
8	0
9	0
10	3.1
11	0
12	1.2
13	1.3
14	0
15	0
16	1.3
17	1.2
18	0
19	0
20	1.1
21	1.2
22	0
23	0
24	1.1
25	1.3
26	0
27	0
28	1.1
29	1.3
30	0
31	0

[P.2-59 - P.2-60]

MODE PIN NO.	DC (V)
IC101	
1	16.0
2	3.3
3	0
4	1.2
5	6.2
IC102	
1	16.0
2	0
3	11.9
IC103	
1	5.7
2	0
3	5.0
Q101	
E	0
C	0
B	0.6
Q410	
E	0
C	0
B	0

<AUDIO PWB>
[P.2-61 - P.2-62]

MODE PIN NO.	DC (V)
IC6501	
1	5.9
2	5.9
3	5.9
4	0
5	5.9
6	5.9
7	5.9
8	11.9
IC6521	
1	6.0
2	6.0
3	6.0
4	6.0
5	6.0
6	6.0
7	6.0
8	6.0
9	0.9
10	6.0
11	3.0
12	3.0
13	4.6
14	4.7
15	0
16	11.9
17	0
18	0
19	5.7
20	5.8
21	6.0
22	6.0
23	6.0
24	6.0
25	6.0
26	6.0
27	5.9
28	5.9
29	6.0
30	5.9
IC6551	
1	6.2
2	6.2
3	6.2
4	0
5	6.2
6	6.2
7	6.3
8	11.9
IC6552	
1	6.2
2	6.2
3	6.2
4	0
5	6.2
6	6.2
7	6.2
8	11.9
IC6572	
1	6.2
2	6.2
3	6.2
4	0
5	6.2
6	6.2
7	6.2
8	11.9
IC6621	
1	0
2	0
3	10.2
4	4.1
5	10.2
6	13.4
7	3.4
8	0
9	3.4
10	10.0
11	2.9
12	2.8
13	0
14	2.8
15	2.8
16	6.6
17	3.4
18	0
19	3.4
20	13.4
21	10.2
22	0.3
23	10.2
24	0
25	2.4
Q6521	
E	0
C	0
B	-0.2
Q6522	
E	0
C	0
B	-0.2
Q6523	
E	0
C	-0.2
B	0
Q6531	
E	0
C	2.8
B	0
Q6532	
E	0
C	0
B	0.7
Q6533	
E	0
C	0
B	0.6
Q6534	
E	0.8
C	0.6
B	0.2
Q6535	
E	0
C	0
B	-0.1
Q6536	
E	0
C	0
B	-0.1
Q6641	
E	0
C	5.8
B	-0.2
Q6642	
E	5.2
C	-0.9
B	5.8
Q6643	
E	0
C	0
B	0.6

<TEMP. SENSOR PWB>
[P.2-65]

MODE PIN NO.	DC (V)
IC8101	
1	4.6
2	4.7
3	0
4	0
5	0
6	0
7	0
8	5.0

<DISPLAY LED PWB>
[P.2-66]

MODE PIN NO.	DC (V)
IC1642	
1	4.5
2	5.0
3	0
Q1641	
E	0
C	0
B	0.7
Q1642	
E	0
C	1.4
B	0

<MAIN POWER PWB>
[P.2-71 - P.2-72]

MODE PIN NO.	DC (V)
IC9001	
1	92.4
5	-9.1
6	-0.5
7	-0.3
8	0
9	5.7
IC9002	
1	2.8
2	1.1
3	0.5
4	1.3
5	1.9
6	1.7
7	0
8	16.7
9	22.3
10	22.4
11	7.5
12	22.3
13	5.0
14	0.1
15	1.7
16	-0.2
Q9002	
E	0
C	0
B	0.8
Q9003	
E	0
C	0.7
B	0
Q9004	
S	0
D	86.2
G	16.3
Q9005	
S	0
D	86.2
G	16.3
Q9006	
E	16.6
C	21.9
B	16.3
Q9007	
E	16.6
C	0
B	16.3
Q9008	
E	0
C	27.2
B	-0.3

[P.2-73 - P.2-74]

MODE PIN NO.	DC (V)
IC9201	
1	369.6
3	0
4	22.6
5	0
6	1.3
7	0.7
IC9202	
1	17.6
2	5.0
3	0
4	5.1
5	2.2
IC9204	
1	2.3
2	0
3	10.3
IC9401	
1	369.4
2	0.6
3	0
4	19.1
5	0
6	1.2
7	3.0
IC9403	
1	2.4
2	0
3	16.8
Q9201	
E	26.9
C	23.7
B	23.1
Q9207	
E	0
C	-0.1
B	0.7
Q9215	
E	0
C	0
B	0.7
Q9401	
S	0
D	430.0
G	0.6
Q9402	
E	0
C	1.1
B	-0.9
Q9405	
E	0
C	0
B	0.6
Q9408	
E	0
C	0
B	0.6
Q9409	
E	0
C	3.0
B	0
Q9411	
E	0
C	0
B	-0.1
Q9412	
E	0
C	-0.1
B	3.0

[P.2-75 - P.2-76]

MODE PIN NO.	DC (V)
IC9601	
1	170.2
2	0
3	0
4	20.8
5	1.4
IC9602	
1	-57.0
2	-60.0
3	-38.5
IC9611	
1	170.4
2	0
3	0
4	20.8
5	1.7
IC9612	
1	2.4
2	0
3	10.3
IC9621	
1	170.4
2	0
3	0
4	20.8
5	1.9
IC9622	
1	2.4
2	0
3	11.8
IC9631	
1	21.3
2	14.8
3	0
IC9632	
1	17.6
2	3.6
3	0
4	3.3
5	2.2
CN8002	
1	170.0
2	170.0
3	0
4	0
5	153.8
6	0
7	0
8	14.8
9	5.1
CN8003	
1	5.1
2	14.9
3	0
4	58.9
5	0
6	159.6
7	0
8	0
9	170.0
10	170.0
CN8005	
1	69.9
2	69.9
3	0
4	0
5	0
CN8006	
1	69.9
2	69.9
3	0
4	0
5	0
CN8008	
1	3.3
2	3.3
3	0
4	0
5	5.0
6	0
7	0.3
8	0.2
9	3.0
10	0

<SUB POWER PWB>
[P2-77-P.2-78]

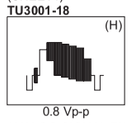
MODE PIN NO.	DC (V)
IC9001	
1	370.1
3	0
4	20.2
5	0
6	1.6
7	0.6
IC9051	
1	2.4
2	0
3	10.3

WAVEFORMS

[RECEIVER UNIT]

RECEIVER PWB
(SHEET1)

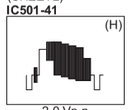
TU3001-18



0.8 Vp-p

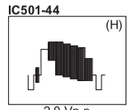
ANALOG SIGNAL PWB (1/5)
(SHEET2)

IC501-41



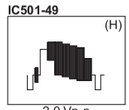
2.0 Vp-p

IC501-44



2.0 Vp-p

IC501-49



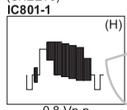
2.0 Vp-p

IC501-5

2.

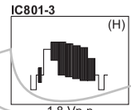
ANALOG SIGNAL PWB (2/5)
(SHEET3)

IC801-1



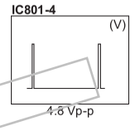
0.8 Vp-p

IC801-3



1.8 Vp-p

IC801-4

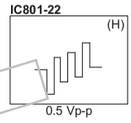


4.8 Vp-p

IC801-5

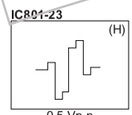
0.

IC801-22



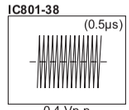
0.5 Vp-p

IC801-23



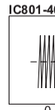
0.5 Vp-p

IC801-38

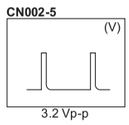


0.4 Vp-p

IC801-4

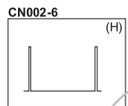

0.

CN002-5



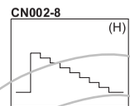
3.2 Vp-p

CN002-6



3.0 Vp-p

CN002-8



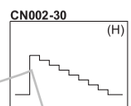
0.7 Vp-p

CN002-

1.

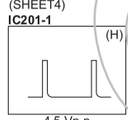
ANALOG SIGNAL PWB (3/5)
(SHEET4)

CN002-30



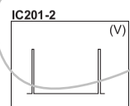
1.2 Vp-p

IC201-1



4.5 Vp-p

IC201-2

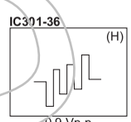


5.0 Vp-p

IC201-9

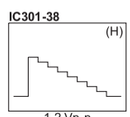
0.

IC301-36



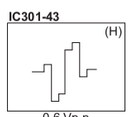
0.9 Vp-p

IC301-38



1.2 Vp-p

IC301-43



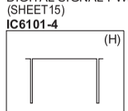
0.6 Vp-p

IC301-4

0.

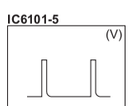
DIGITAL SIGNAL PWB (8/11)
(SHEET15)

IC6101-4



3.2 Vp-p

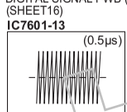
IC6101-5



3.0 Vp-p

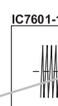
DIGITAL SIGNAL PWB (9/11)
(SHEET16)

IC7601-13



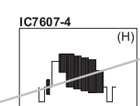
3.0 Vp-p

IC7601-


2.

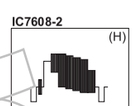
DIGITAL S
(SHEET1

IC7607-4



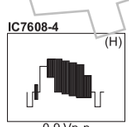
0.9 Vp-p

IC7608-2



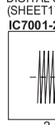
2.0 Vp-p

IC7608-4



0.9 Vp-p

IC7001-


2.

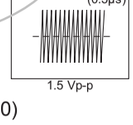
[DISPLAY UNIT]

DISPLAY INTERFACE PWB (1/3)
(SHEET23)

IC807-10

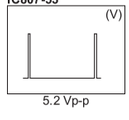
1.5 Vp-p

IC807-11



1.5 Vp-p

IC807-53



5.2 Vp-p

DISPLAY
(SHEET2

IC501-4

3.

duplicator

JVC

Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY VIDEO DISPLAY CATEGORY 12, 3-chome, Moriya-cho, kanagawa-ku, Yokohama, kanagawa-prefecture, 221-8528, Japan

(No.YA100)

Printed in Japan
VPT

PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

CONTENTS

DISPLAY UNIT

USING P.W. BOARD & REMOTE CONTROL UNIT 3-3
[VM-42X795/S]
EXPLODED VIEW PARTS LIST - 1 3-4
EXPLODED VIEW - 1 3-5
EXPLODED VIEW PARTS LIST - 2 3-6
EXPLODED VIEW - 2 3-7
EXPLODED VIEW PARTS LIST - 3 3-8
EXPLODED VIEW - 3 3-9
[VM-50X795/Z]
EXPLODED VIEW PARTS LIST - 4 3-10
EXPLODED VIEW - 4 3-11
EXPLODED VIEW PARTS LIST - 5 3-12
EXPLODED VIEW - 5 3-13
EXPLODED VIEW PARTS LIST - 6 3-14
EXPLODED VIEW - 6 3-15
PRINTED WIRING BOARD PARTS LIST [VM-42X795/S] 3-16
DISPLAY INTERFACE P.W. BOARD ASS'Y (SFP-7504A-M2) 3-16
AUDIO P.W. BOARD ASS'Y (SFP-6502A-M2) 3-17
TEMP. SENSOR P.W. BOARD ASS'Y (SSB-8381A-M2) 3-19
DISPLAY LED P.W. BOARD ASS'Y (SSB0L285A-M2) 3-19
DISPLAY SWITCH P.W. BOARD ASS'Y (SSB0L385-M2) 3-19
LINE FILTER P.W. BOARD ASS'Y (SFP-9509A-M2) 3-19
MAIN POWER P.W. BOARD ASS'Y (SFP-9503A-M2) 3-19
SUB POWER P.W. BOARD ASS'Y (SFP-9505A-M2) 3-22
PRINTED WIRING BOARD PARTS LIST [VM-50X795/Z] 3-23
DISPLAY INTERFACE P.W. BOARD ASS'Y (SFP-7503A-M2) 3-23
AUDIO P.W. BOARD ASS'Y (SFP-6501A-M2) 3-25
TEMP. SENSOR P.W. BOARD ASS'Y (SSB-8381A-M2) 3-26
DISPLAY LED P.W. BOARD ASS'Y (SSB0L285A-M2) 3-26
DISPLAY SWITCH P.W. BOARD ASS'Y (SSB0L385-M2) 3-26
LINE FILTER P.W. BOARD ASS'Y (SFP-9508A-M2) 3-26
SUB POWER P.W. BOARD ASS'Y (SFP-9505A-M2) 3-26

RECEIVER UNIT

USING P.W. BOARD 3-27
EXPLODED VIEW PARTS LIST - 7 3-27
EXPLODED VIEW - 7 3-28
PRINTED WIRING BOARD PARTS LIST [TU-42X795/S] 3-29
DIGITAL SIGNAL P.W. BOARD ASS'Y (SFP0D502A-M2) 3-29
FRONT CONTROL P.W. BOARD ASS'Y (SFP-8501A-U2) 3-34
AV JACK P.W. BOARD ASS'Y (SFP0J501A-M2) 3-35
RECEIVER P.W. BOARD ASS'Y (SFP0F501A-M2) 3-36
SYSTEM POWER P.W. BOARD ASS'Y (SFP-9511A-M2) 3-36
REGULATOR P.W. BOARD ASS'Y (SFP-9507A-M2) 3-37
ANALOG SIGNAL P.W. BOARD ASS'Y (SFP0A501A-M2) 3-38
SD CARD P.W. BOARD ASS'Y (SFP-8505A-M2) 3-40
ATSC TUNER MODULE (SSD-2101A-M2) 3-40
PRINTED WIRING BOARD PARTS LIST [TU-50X795/Z] 3-41
DIGITAL SIGNAL P.W. BOARD ASS'Y (SFP0D501A-M2) 3-41
FRONT CONTROL P.W. BOARD ASS'Y (SFP-8501A-U2) 3-46
AV JACK P.W. BOARD ASS'Y (SFP0J501A-M2) 3-46
RECEIVER P.W. BOARD ASS'Y (SFP0F501A-M2) 3-46
SYSTEM POWER P.W. BOARD ASS'Y (SFP-9511A-M2) 3-46
REGULATOR P.W. BOARD ASS'Y (SFP-9507A-M2) 3-46
ANALOG SIGNAL P.W. BOARD ASS'Y (SFP0A501A-M2) 3-47
SD CARD P.W. BOARD ASS'Y (SFP-8505A-M2) 3-47
ATSC TUNER MODULE (SSD-2101A-M2) 3-47

REMOTE CONTROL UNIT PARTS LIST (RM-C14G-1H) 3-47

PACKING PARTS LIST 3-47
PACKING 3-48

TABLETOP STAND UNIT [RK-PD4T1:PD-42X795/S] [RK-PD4T2:PD-50X795/Z]

EXPLODED VIEW - 8 3-49
EXPLODED VIEW PARTS LIST - 8 3-49
PACKING 3-50
PACKING PARTS LIST 3-50

DISPLAY UNIT

USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y name	VM-42X795/S	VM-50X795/Z
DISPLAY INTERFACE P.W.B	SFP-7504A-M2	SFP-7503A-M2
AUDIO P.W.B	SFP-6502A-M2	SFP-6501A-M2
TEMP. SENSOR P.W.B	SSB-8381A-M2	←
DISPLAY LED P.W.B	SSB0L285A-M2	←
DISPLAY SWITCH P.W.B	SSB0L385A-M2	←
LINE FILTER P.W.B	SFP-9509A-M2	SFP-9508A-M2
MAIN POWER P.W.B	SFP-9503A-M2	——
SUB POWER P.W.B	SFP-9505A-M2	←
PDP UNIT		
X-MAIN P.W.B	LJ92-00980A	——
Y-MAIN P.W.B	LJ92-01260A	——
E-BUFFER P.W.B	LJ92-00895A	——
F-BUFFER P.W.B	LJ92-00896A	——
LOGIC-MAIN P.W.B	LJ92-00990A	——
Y-BUFFER-U P.W.B	LJ92-00993A	——
Y-BUFFER-L P.W.B	LJ92-00994A	——
LVDS CONTROL P.W.B	——	LG-6871QCH039A
Y DRIVE UPPER P.W.B	——	LG-6871QDH043D
Y DRIVE LOWER P.W.B	——	LG-6871QDH049E
X LEFT TOP P.W.B	——	LG-6871QLH032B
X LEFT BOTTOM P.W.B	——	LG-6871QLH033B
DC/DC P.W.B	——	LG-6871QPH008A
X RIGHT TOP P.W.B	——	LG-6871QRH035B
X RIGHT BOTTOM P.W.B	——	LG-6871QRH036B
X CENTER TOP P.W.B	——	LG-6871QXH020B
X CENTER BOTTOM P.W.B	——	LG-6871QXH021B
Y SUS P.W.B	——	LG-6871QYH028B
Z SUS P.W.B	——	LG-6871QZH031B
TEMP. SENSOR P.W.B	——	LG-6871QEH017A
REMOTE CONTROL UNIT	RM-C14G-1H	←

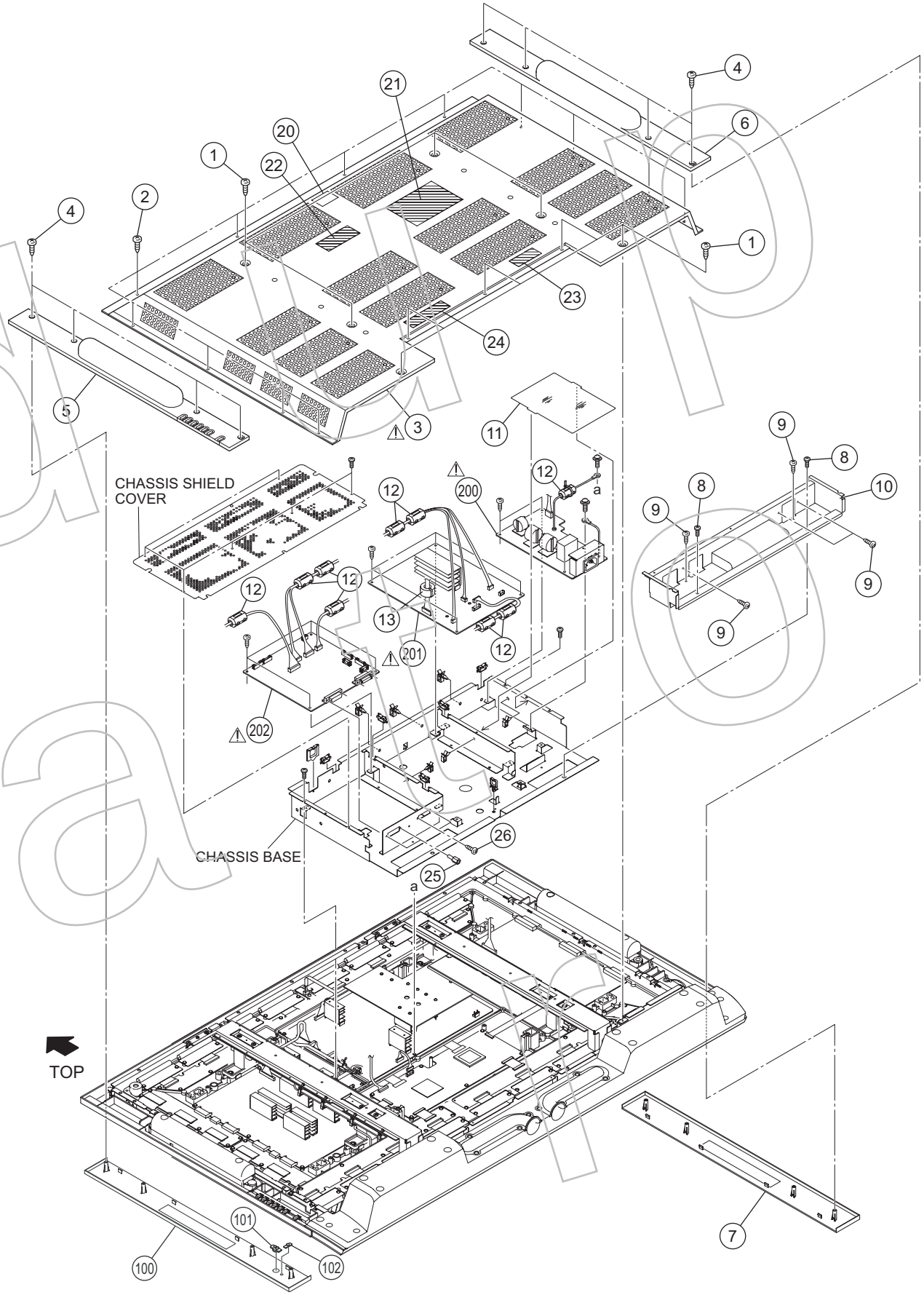
[VM-42X795/S]

EXPLODED VIEW PARTS LIST - 1

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC41647-001B	SCREW	(x9)	
	2	QYSBSFG4016M	TAP SCREW	M4 x 16mm(x12)	
⚠	3	LC11659-002A-0K	REAR COVER		
	4	QYSBSFG4012M	TAP SCREW	M4 x 12mm(x8)	
	5	LC11668-001B-0K	BACK COVER(R)		
	6	LC11668-002B-0K	BACK COVER(L)		
	7	LC21375-002B-0K	SPEAKER HOLDER(L)		
	8	LC41647-001B	SCREW	(x2)	
	9	QYSBSG3008M	TAP SCREW	M3 x 8mm(x5)	
	10	LC11675-001C-0K	TERMINAL COVER		
	11	LC32472-001A	INSULATOR		
	12	QQR0491-001	FERRITE CORE	(GRAY)(x9)	
	13	QQR0942-001	CORE FILTER		
	20	LC41693-001A	CAUTION LABEL		
⚠	21	LC32680-001A-A	RATING LABEL		
⚠	22	LC32912-001A-A	BBE LABEL		
	23	LC41731-001A	INLET LABEL		
	24	LC41610-002A	TERMINAL LABEL		
	25	QNB0036-001	HEX SCREW	(x2)	
	26	QYSPSPL2608NA	SCREW	M2.6 x 8mm(x2)	
	100	LC32453-001E-0K	SPEAKER HOLDER ASS'Y(R)	Inc.101,102	
	101	LC32408-001D	REMOCON WINDOW		
	102	LC41631-001B	LED LENS		
⚠	200	SFP-9509A-M2	LINE FILTER PWB		
⚠	201	SFP-6502A-M2	AUDIO PWB		
⚠	202	SFP-7504A-M2	DISPLAY INTERFACE PWB		

auto

EXPLODED VIEW - 1



EXPLODED VIEW PARTS LIST - 2

⚠	Ref.No.	Part No.	Part Name	Description	Local
	40	LC41729-002A	PWB BRACKET		
	41	LC21459-001A	INSULATOR		
	42	LC32562-001A	INSULATOR		
	43	LC32561-001A	INSULATOR		
	45	QQR0491-001	FERRITE CORE	(GRAY)(x3)	
	46	QQR0675-001	CORE FILTER	(x7)	
⚠	47	LC40226-003A-H	SPACER	(x4)	
	48	LC41683-001A	DD SPEAKER ASS'Y	(x2)	
	49	LC21378-001C	CONTROL KNOB		
	50	QYSBSFG4016M	TAP SCREW	M4 x 16mm(x26)	
	51	LC21377-002B	DUCT COVER(R)		
	52	LC21377-001B	DUCT COVER(L)		
	53	LC11667-001B-0K	WOOFER BACK COVER		
	54	QAS0154-001	SPEAKER	(x2)	
	55	LC21425-001C-0K	WOOFER SP HOLDER ASS'Y		
	56	LC32433-001B	BRAND PLATE		
	57	LC41725-001A	INSULATOR		
	58	LC41782-001A	LABEL		
⚠	203	SFP-9503A-M2	MAIN POWER PWB		
⚠	204	SFP-9505A-M2	SUB POWER PWB		
⚠	205	SSB-8381A-M2	TEMP. SENSOR PWB		
⚠	206	SSB0L385A-M2	DISPLAY SWITCH PWB		
⚠	207	SSB0L285A-M2	DISPLAY LED PWB		
⚠	300	QLE0029-002	PDP UNIT	Inc.301-307	
⚠	301	LJ92-00980A	X-MAIN PWB		
⚠	302	LJ92-01260A	Y-MAIN PWB		
⚠	303	LJ92-00895A	E-BUFFER PWB		
⚠	304	LJ92-00896A	F-BUFFER PWB		
⚠	305	LJ92-00990A	LOGIC-MAIN PWB		
⚠	306	LJ92-00993A	Y-BUFFER-U PWB		
⚠	307	LJ92-00994A	Y-BUFFER-L PWB		

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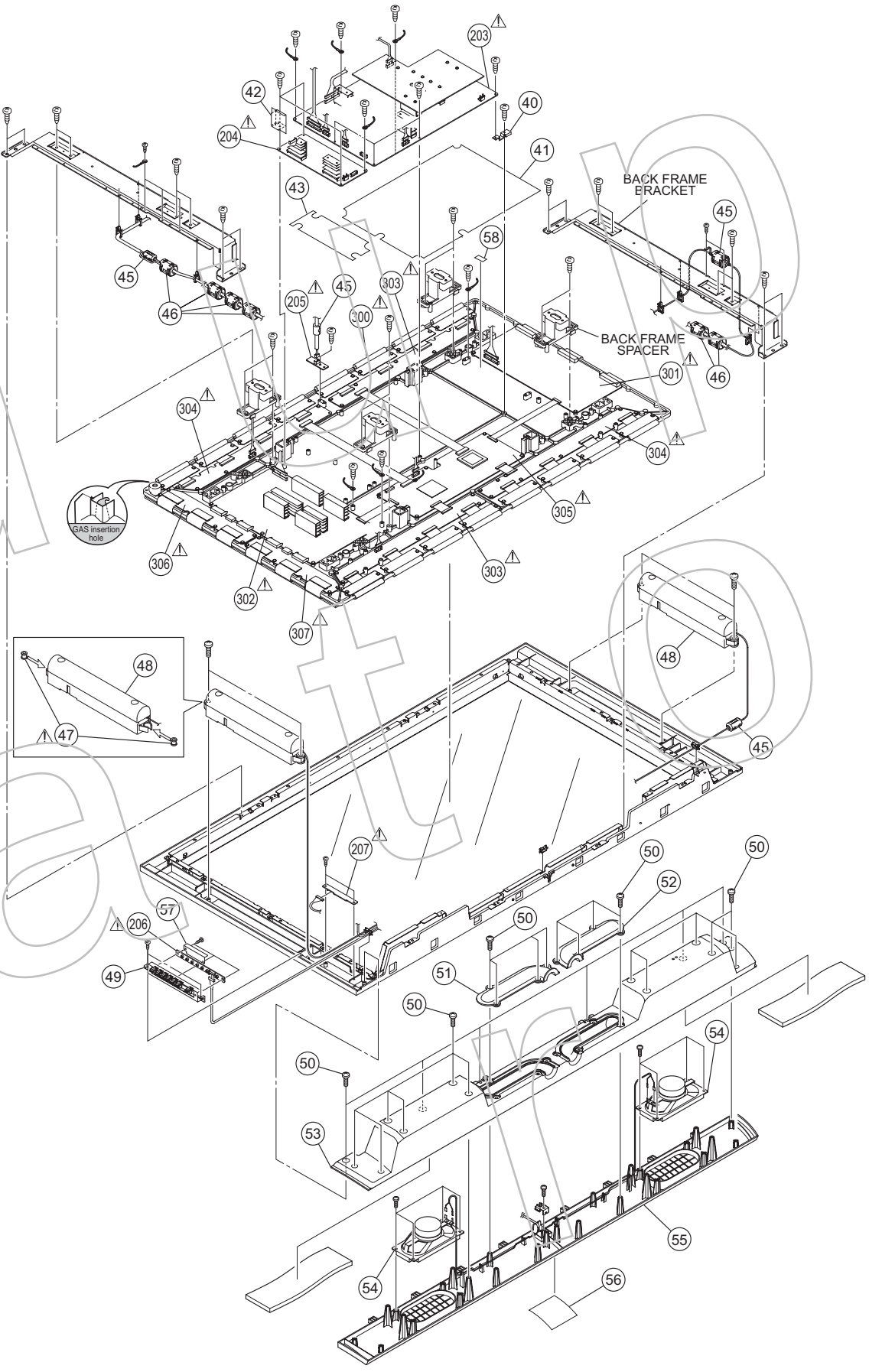
EXPLODED VIEW - 2

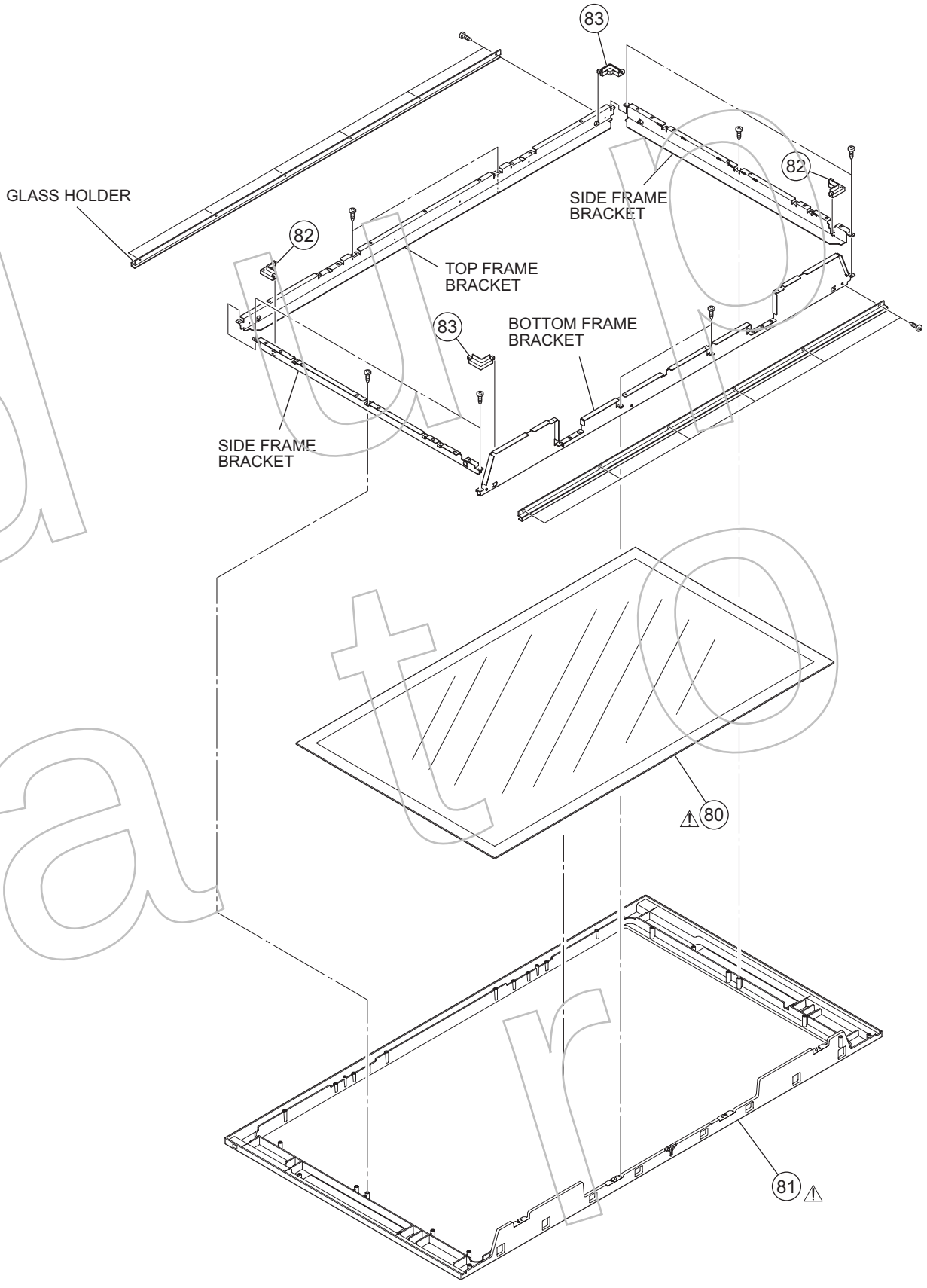


EXPLODED VIEW PARTS LIST - 3

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	80	LC32436-001A-0K	FRONT FILTER		
⚠	81	LC11660-004A-0K	FRONT PANEL		
	82	LC32403-001B	MOUNTING BOSS	(x2)	
	83	LC32403-002B	MOUNTING BOSS	(x2)	

duplicator

EXPLODED VIEW - 3



dutro

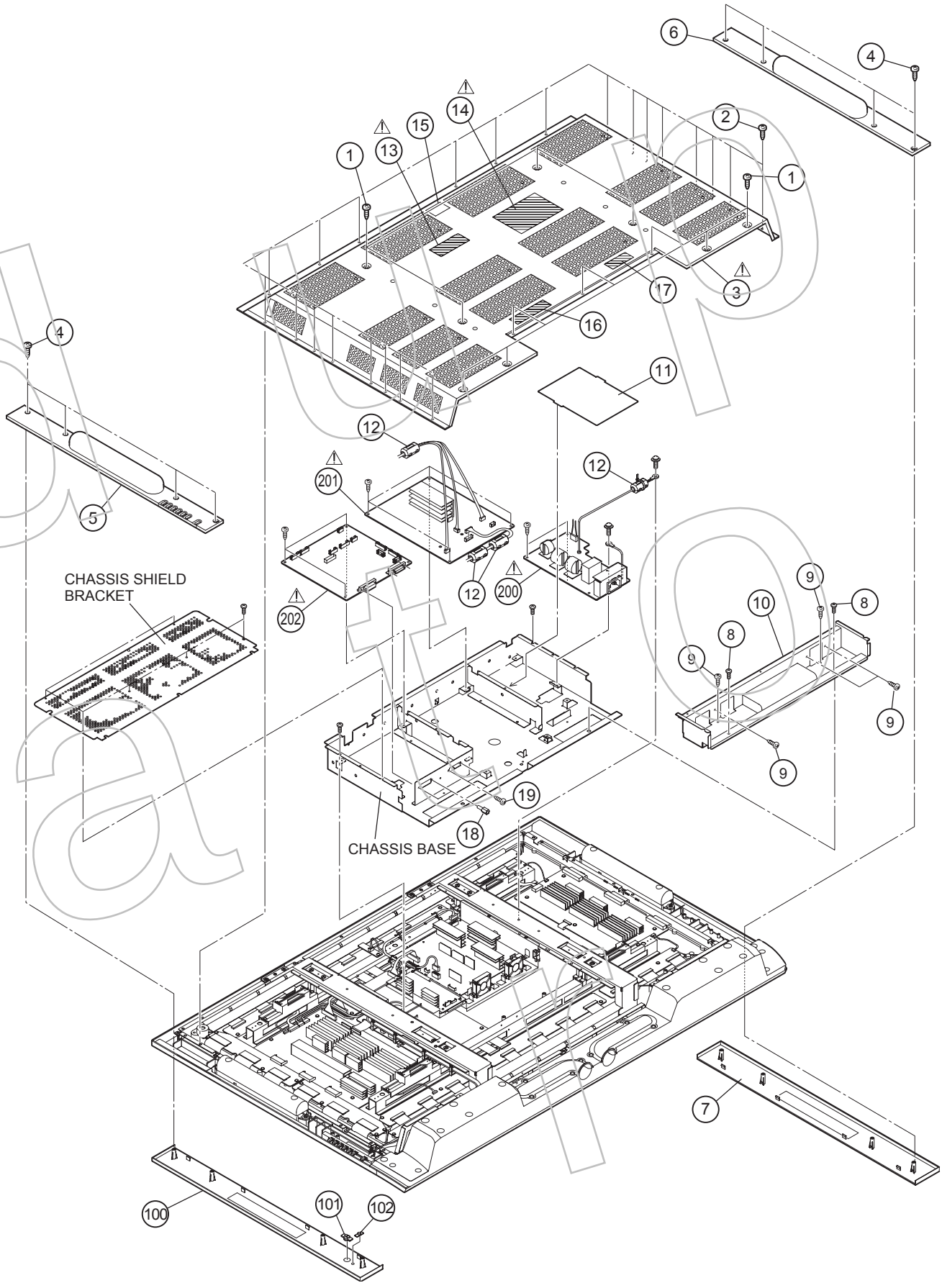
[VM-50X795/Z]

EXPLODED VIEW PARTS LIST - 4

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC41647-001B	SCREW	(x11)	
	2	QYSBSFG4016M	TAP SCREW	M4 x 16mm(x22)	
⚠	3	LC11721-004A-0K	REAR COVER		
	4	QYSBSFG4012M	TAP SCREW	M4 x 12mm(x8)	
	5	LC11722-001A	BACK COVER(R)		
	6	LC11722-002A	BACK COVER(L)		
	7	LC11717-002D	SPEAKER HOLDER(L)		
	7	LC32526-001A	PROTECT SHEET	(x2)	
	8	LC41647-001B	SCREW	(x2)	
	9	QYSBSG3008M	TAP SCREW	M3 x 8mm(x5)	
	10	LC11675-001C-0K	TERMINAL COVER		
	11	LC32472-001A	LF INSULATOR		
	12	QQR0491-001	FERRITE CORE	(GRAY)(x4)	
⚠	13	LC32912-001A-A	BBE LABEL		
⚠	14	LC32680-001A-A	RATING LABEL		
	15	LC41693-001A	CAUTION LABEL		
	16	LC41610-002A	TERMINAL LABEL		
	17	LC41731-001A	INLET LABEL		
	18	QNB0036-001	HEX SCREW	(x2)	
	19	QYSPSPL2608NA	SCREW	M2.6 x 8mm(x2)	
	100	LC32509-002A	SPEAKER HOLDER ASS'Y(R)	Inc.101,102	
	101	LC32408-001D	REMOCON WINDOW		
	102	LC41631-001B	LED LENS		
⚠	200	SFP-9508A-M2	LINE FILTER PWB		
⚠	201	SFP-6501A-M2	AUDIO PWB		
⚠	202	SFP-7503A-M2	DISPLAY INTERFACE PWB		

auto

EXPLODED VIEW - 4



EXPLODED VIEW PARTS LIST - 5

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	40	QAR0315-001	COOLING FAN	(x2)	
	41	LC32533-001A	INSULATOR		
	42	QQR0491-001	FERRITE CORE	(GRAY)(x4)	
	43	QQR0675-001	CORE FILTER	(x4)	
⚠	44	LC40226-003A-H	SPACER	(x4)	
	45	LC41683-002A	DD SPEAKER ASS'Y	(x2)	
	46	LC21378-001C	CONTROL KNOB		
	47	LC41725-001A	INSULATOR		
	50	QYSBSFG4035MA	TAP SCREW	M4 x 35mm(x8)	
	51	LC21377-002B	DUCT COVER(R)		
	52	LC21377-001B	DUCT COVER(L)		
	53	QYSBSFG4016M	TAP SCREW	M4 x 16mm(x16)	
	54	QYSBSFG4012M	TAP SCREW	M4 x 12mm(x4)	
	55	LC11724-001B-0K	WOOFER BACK COVER		
	56	QAS0154-001	SPEAKER	(x2)	
	57	LC11749-001B-0K	WOOFER SP HOLDER ASS'Y		
	58	LC32433-001B	BRAND PLATE		
⚠	203	QAL0557-002	POWER UNIT		
⚠	204	SFP-9505A-M2	SUB POWER PWB		
⚠	205	SSB-8381A-M2	TEMP. SENSOR PWB		
⚠	206	SSB0L385A-M2	DISPLAY SWITCH PWB		
⚠	207	SSB0L285A-M2	DISPLAY LED PWB		
⚠	300	QLE0027-003	PDP UNIT	Inc.301-313	
⚠	301	LG-6871QCH039A	LVDS CONTROL PWB		
⚠	302	LG-6871QDH048D	Y DRIVE UPPER PWB		
⚠	303	LG-6871QDH049E	Y DRIVE LOWER PWB		
⚠	304	LG-6871QLH032B	X LEFT TOP PWB		
⚠	305	LG-6871QLH033B	X LEFT BOTTOM PWB		
⚠	306	LG-6871QPH008A	DC/DC PWB		
⚠	307	LG-6871QRH035B	X RIGHT TOP PWB		
⚠	308	LG-6871QRH036B	X RIGHT BOTTOM PWB		
⚠	309	LG-6871QXH020B	X CENTER TOP PWB		
⚠	310	LG-6871QXH021B	X CENTER BOTTOM PWB		
⚠	311	LG-6871QYH028B	Y SUS PWB		
⚠	312	LG-6871QZH031B	Z SUS PWB		
⚠	313	LG-6871QEH017A	TEMP. SENSOR PWB		

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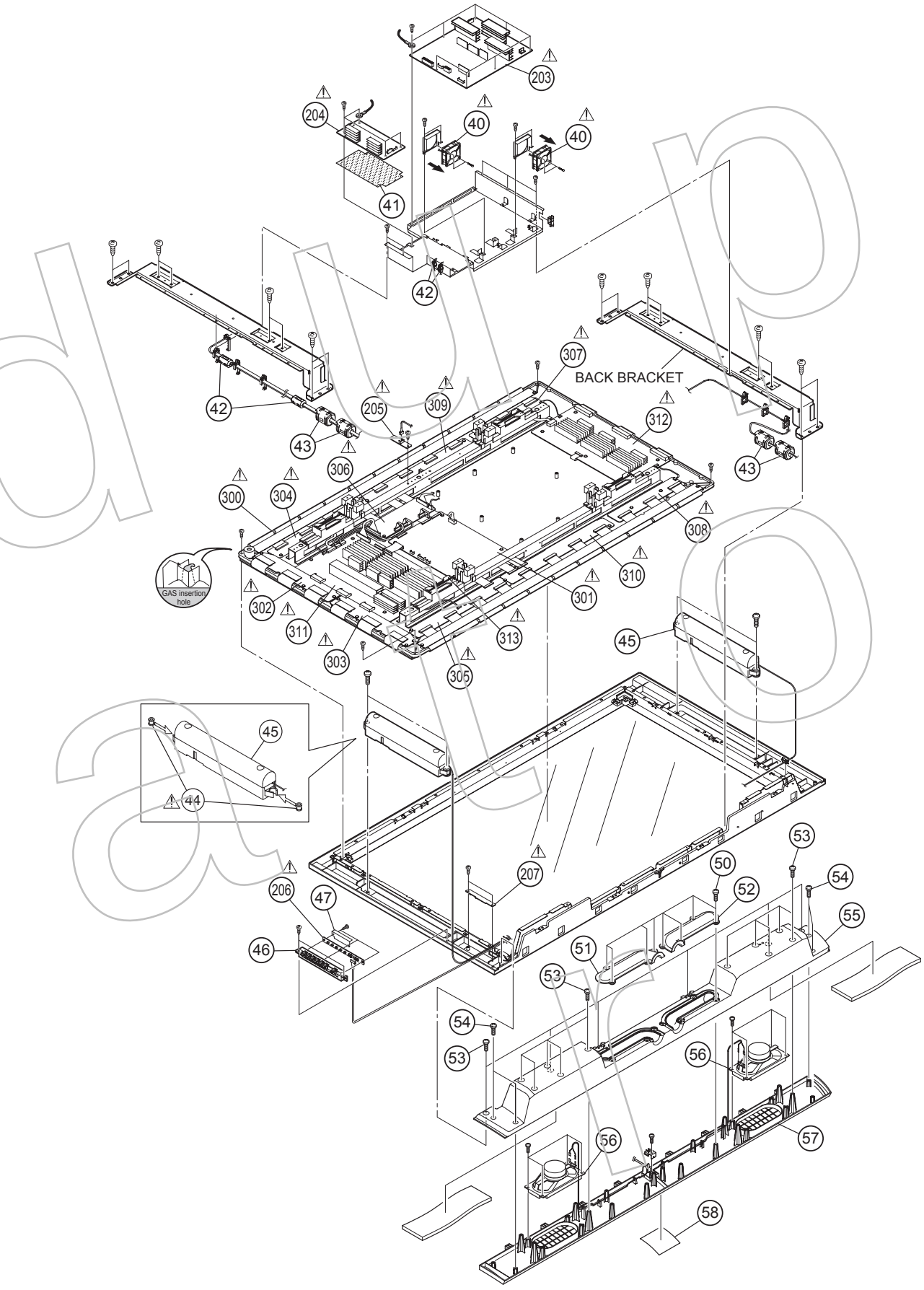
EXPLODED VIEW - 5



dump

EXPLODED VIEW PARTS LIST - 6

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	80	LC32655-001A-0K	FRONT FILTER		
⚠	81	LC11712-002A-0K	FRONT PANEL		
	82	LC32466-002A	MOUNTING BOSS	(x2)	
	83	LC32466-001A	MOUNTING BOSS	(x2)	

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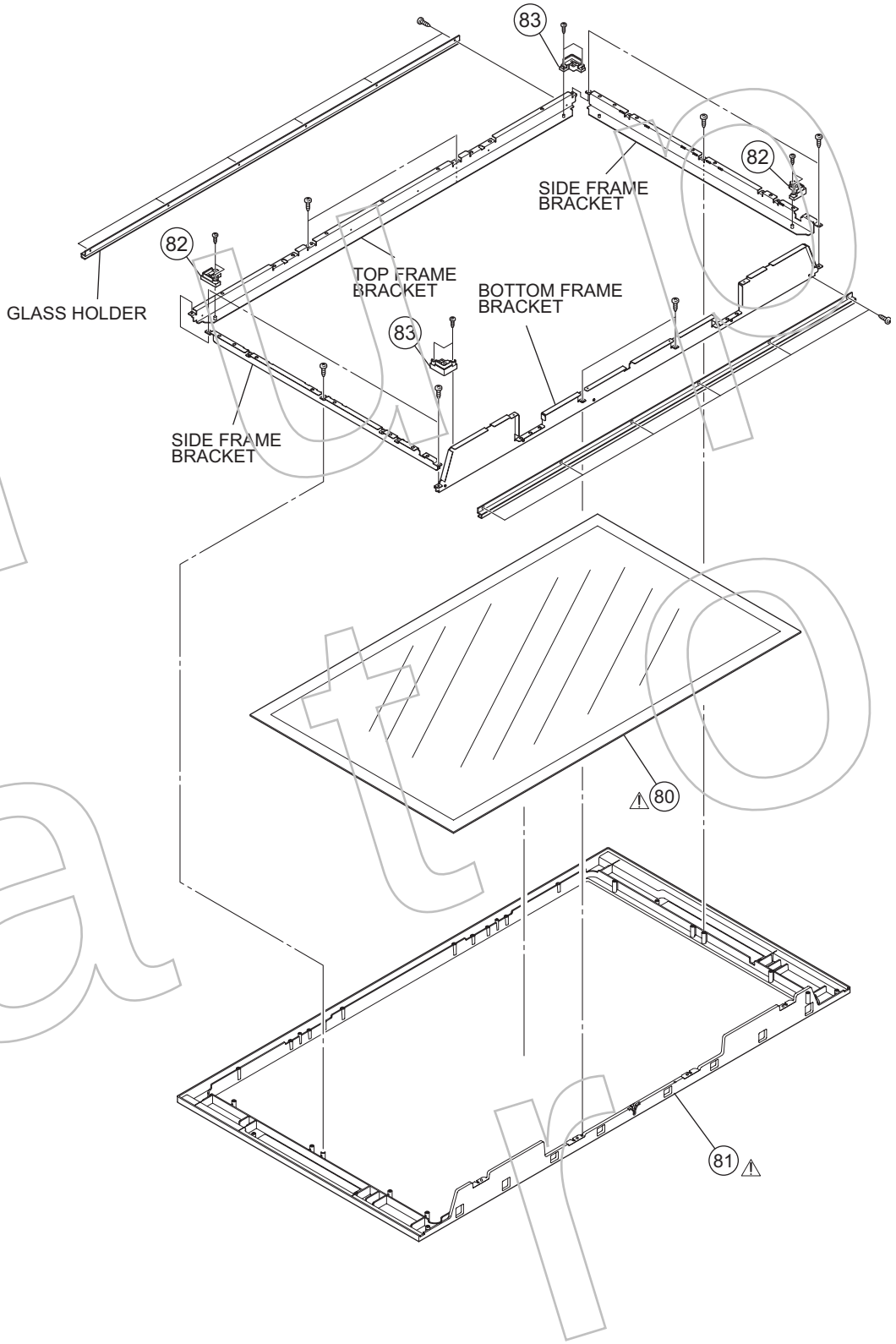
EXPLODED VIEW - 6



dato

PRINTED WIRING BOARD PARTS LIST [VM-42X795/S]

DISPLAY INTERFACE P.W. BOARD ASS'Y (SFP-7504A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC101	PQ1CY1032Z-W	IC		
IC102	BA12FP-X	IC		
IC103	BA05FP-X	IC		
IC501	SII169CT100	IC	100pin	
IC502	S-80828CLNB-W	IC		
IC601	THC63LVDM83R-W	IC		
IC801	BA033FP-X	IC		
IC802	BA05FP-X	IC		
IC803	MAX3221CDB-X	IC		
IC805	ATE16-42X795	IC	(SERVICE)	
IC807	HD6433685A80H	IC(MCU)		
IC809	S-80840CLNB-W	IC		
Q101	2SC3928A/QR/-X	TRANSISTOR		
Q410	2SC3928A/QR/-X	TRANSISTOR		
Q703	2SK2090-X	MOS FET		
Q704	2SK2090-X	MOS FET		
Q803	2SA1530A/QR/-X	TRANSISTOR		
Q804	2SC3928A/QR/-X	TRANSISTOR		
Q805	2SK2090-X	MOS FET		
Q806	2SK2090-X	MOS FET		
Q807	2SA1530A/QR/-X	TRANSISTOR		
Q808	2SC3928A/QR/-X	TRANSISTOR		
Q811	2SC3928A/QR/-X	TRANSISTOR		
Q812	2SC3928A/QR/-X	TRANSISTOR		
Q813	2SC3928A/QR/-X	TRANSISTOR		
D101	EC30HA03L-X	SB DIODE		
D102	PTZ6.8B-X	Z DIODE		
D410	MA111-X	SI DIODE		
D412	MA111-X	SI DIODE		
D501	BAV99L-X	SI DIODE		
D502	BAV99L-X	SI DIODE		
D503	BAV99L-X	SI DIODE		
D504	BAV99L-X	SI DIODE		
D505	BAV99L-X	SI DIODE		
D506	BAV99L-X	SI DIODE		
D507	BAV99L-X	SI DIODE		
D508	BAV99L-X	SI DIODE		
D509	BAV99L-X	SI DIODE		
D510	BAV99L-X	SI DIODE		
D611	MA8056/M/-X	Z DIODE		
D803	MA111-X	SI DIODE		
D804	MA8056/M/-X	Z DIODE		
D901	1SS355-X	SI DIODE		
D902	1SS355-X	SI DIODE		
C103	QETM1EM-477	E CAPACITOR	470uF 25V M	
C105	QETM0JM-108	E CAPACITOR	1000uF 6.3V M	
C108	NEH71EM-336X	E CAPACITOR	33uF 25V M	
C109	NEH71EM-336X	E CAPACITOR	33uF 25V M	
C112	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C113	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C114	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C117	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
C401	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C402	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C404	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C405	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C410	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C412	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C501	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
C502	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
C503	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C510	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C516	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C517	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C601	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
C602	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
C603	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C604	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C610	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C611	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C612	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C626	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C803	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C805	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C806	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C807	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C810	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
C811	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C812	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C815	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C817	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C821	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C823	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C825	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C826	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C829	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R101	NRSA63D-182X	MG RESISTOR	1.8kΩ 1/16W D	
R102	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R103	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R105	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R108	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R402	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R403	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R408	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R410	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R412	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R413	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R501	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R505	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R507	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R510	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R511	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R512	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R513	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R514	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R515	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R529	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R532	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R533	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R537	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R546	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R601	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R602	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R603	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R618	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R619	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R626	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R628	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R803	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R804	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R805	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R806	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R807	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R808	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R809	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R810	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R811	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R812	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R813	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R814	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R815	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R816	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R817	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R818	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R821	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R833	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R834	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R836	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R838	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R842	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R843	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R844	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R845	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R846	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R847	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R848	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R849	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R850	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R851	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R852	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R853	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R854	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R855	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R856	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R857	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R858	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R859	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R861	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R863	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R868	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R869	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R870	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R871	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R872	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R873	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R875	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R877	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R878	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R879	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R880	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R881	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R882	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R883	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R884	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R885	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R886	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R887	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R890	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R891	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R892	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R893	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R894	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R896	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R897	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R898	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R899	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R900	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R901	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R903	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R906	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R910	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R911	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R912	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R914	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R915	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R917	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R918	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R919	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R920	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R921	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R923	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R924	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R925	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R927	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R932	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R933	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R934	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R935	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R936	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R937	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R938	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R939	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R940	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R945	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R946	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R947	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R948	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R949	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R950	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R951	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R952	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R953	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R961	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R962	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R963	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R964	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R965	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R967	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R968	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R969	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R974	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R976	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R977	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
RA601	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA602	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA603	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA604	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA605	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA606	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
L101	NQL63EM-680X	COIL	68uH M	
L501	NQR0351-001X	FERRITE BEADS		
L601	NQR0351-001X	FERRITE BEADS		
L801	NQR0351-001X	FERRITE BEADS		
L802	NQR0351-001X	FERRITE BEADS		
K801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K803	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K804	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K805	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
X801	QAX0534-001	C RESONATOR	16.000MHz	
	LC32269-001B	SHIELD COVER		
	LC32270-002A	SHIELD FRAME		

AUDIO P.W. BOARD ASS'Y (SFP-6502A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC6501	BA4558F-X	IC		
IC6521	NJW1137M-W	IC		
IC6551	BA4558F-X	IC		
IC6552	BA4558F-X	IC		
IC6571	BA4558F-X	IC		
IC6572	BA4558F-X	IC		
IC6621	TA8270HA	IC		
Q6521	2SC3928A/QR/-X	TRANSISTOR		
Q6522	2SC3928A/QR/-X	TRANSISTOR		
Q6523	2SA1530A/QR/-X	TRANSISTOR		
Q6531	2SC3928A/QR/-X	TRANSISTOR		
Q6532	2SC3928A/QR/-X	TRANSISTOR		
Q6533	2SC3928A/QR/-X	TRANSISTOR		
Q6534	2SA1530A/QR/-X	TRANSISTOR		
Q6535	2SC3928A/QR/-X	TRANSISTOR		
Q6536	2SC3928A/QR/-X	TRANSISTOR		
Q6641	2SC3928A/QR/-X	TRANSISTOR		
Q6642	2SA1530A/QR/-X	TRANSISTOR		
Q6643	2SC3928A/QR/-X	TRANSISTOR		
D6501	MA111-X	SI DIODE		
D6502	MA111-X	SI DIODE		
D6503	MA111-X	SI DIODE		
D6504	MA111-X	SI DIODE		
D6505	MA111-X	SI DIODE		
D6506	MA111-X	SI DIODE		
D6551	MA8062/M/-X	Z DIODE		
D6621	MA8330/M/-X	Z DIODE		
D6622	MA8330/M/-X	Z DIODE		
D6623	MA8330/M/-X	Z DIODE		

⚠Ref No.	Part No.	Part Name	Description Local
D6624	MA8330/M/-X	Z DIODE	
D6625	MA8330/M/-X	Z DIODE	
D6626	MA8330/M/-X	Z DIODE	
D6627	MA8330/M/-X	Z DIODE	
D6628	MA8330/M/-X	Z DIODE	
D6629	D1FS4-X	SB DIODE	
D6630	D1FS4-X	SB DIODE	
D6631	D1FS4-X	SB DIODE	
D6632	D1FS4-X	SB DIODE	
D6641	MA111-X	SI DIODE	
D6642	MA111-X	SI DIODE	
D6643	MA111-X	SI DIODE	
C6501	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6502	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6503	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C6504	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C6505	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C6506	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6507	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6508	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C6509	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C6510	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C6511	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C6512	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C6517	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C6518	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C6519	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C6521	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C6522	NCB31HK-332X	C CAPACITOR	3300pF 50V K
C6523	NCB31HK-333X	C CAPACITOR	0.033uF 50V K
C6525	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C6526	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6527	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C6528	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C6529	NCB31HK-332X	C CAPACITOR	3300pF 50V K
C6530	NCB31HK-333X	C CAPACITOR	0.033uF 50V K
C6532	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C6533	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6534	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C6535	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C6536	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6537	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C6538	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C6539	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6540	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C6541	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C6542	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C6543	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C6544	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C6545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C6546	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C6551	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C6552	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C6553	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6554	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6555	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6556	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6557	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C6558	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C6559	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C6561	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C6562	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C6563	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6564	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6565	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6566	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6567	NCB11EK-105X	C CAPACITOR	1uF 25V K
C6568	NCB11EK-105X	C CAPACITOR	1uF 25V K
C6569	NCB11EK-105X	C CAPACITOR	1uF 25V K
C6570	NCB11EK-105X	C CAPACITOR	1uF 25V K
C6571	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
C6572	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
C6573	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C6574	NCB31HJ-103X	C CAPACITOR	0.01uF 50V J
C6575	QETN1HM-226Z	E CAPACITOR	22uF 50V M
C6576	QETN1HM-226Z	E CAPACITOR	22uF 50V M
C6577	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C6578	NCB31HJ-103X	C CAPACITOR	0.01uF 50V J
C6581	NCB21EK-124X	C CAPACITOR	0.12uF 25V K
C6582	NCB21EK-124X	C CAPACITOR	0.12uF 25V K
C6583	NCB21EK-124X	C CAPACITOR	0.12uF 25V K
C6584	NCB21EK-124X	C CAPACITOR	0.12uF 25V K
C6585	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6586	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6587	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C6588	QETN1EM-476Z	E CAPACITOR	47uF 25V M

⚠Ref No.	Part No.	Part Name	Description Local
C6601	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C6602	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C6603	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C6604	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C6605	QETN1CM-106Z	E CAPACITOR	10uF 16V M
C6621	NCB11EK-105X	C CAPACITOR	1uF 25V K
C6622	NCB11EK-105X	C CAPACITOR	1uF 25V K
C6623	NCB11EK-105X	C CAPACITOR	1uF 25V K
C6624	NCB11EK-105X	C CAPACITOR	1uF 25V K
C6625	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6626	QETN1EM-107Z	E CAPACITOR	100uF 25V M
C6627	QETM1EM-228	E CAPACITOR	2200uF 25V M
C6628	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6629	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J
C6630	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J
C6631	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J
C6632	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J
C6633	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J
C6634	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J
C6635	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J
C6636	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J
C6641	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6642	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C6643	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C6651	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6681	QETM1CM-478	E CAPACITOR	4700uF 16V M
C6682	QETM1CM-478	E CAPACITOR	4700uF 16V M
C6683	QETM1CM-478	E CAPACITOR	4700uF 16V M
C6684	QETM1CM-478	E CAPACITOR	4700uF 16V M
R6421	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6501	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R6502	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R6503	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R6504	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R6505	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6506	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6507	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R6508	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R6509	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R6510	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R6511	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6512	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6513	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6514	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6515	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6521	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6522	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6523	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6524	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6525	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6526	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6527	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6528	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6529	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6530	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6531	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6532	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6533	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6534	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6535	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6536	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6537	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6538	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6539	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6540	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6541	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6543	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6544	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J
R6545	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J
R6546	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R6547	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R6551	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R6552	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6553	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R6554	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R6555	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6556	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R6557	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R6558	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R6559	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R6560	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R6561	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6562	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6563	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description	Local
R6564	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6565	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R6566	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6567	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	
R6568	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6569	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R6571	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6572	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6573	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6574	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6575	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6576	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6577	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6578	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6579	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6580	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6581	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6582	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6583	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6584	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6585	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6586	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6587	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6588	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6591	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R6595	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6596	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6601	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6602	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6603	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6604	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6605	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6606	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6607	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6608	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6610	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6611	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6612	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6613	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6614	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6615	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6616	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6617	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6619	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
⚠R6621	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6622	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6623	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6624	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6625	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6626	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6627	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6628	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
R6641	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R6642	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R6643	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6644	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6645	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6646	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R6647	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6648	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6649	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6653	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6654	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6661	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6671	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6673	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
⚠R6681	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J	
⚠R6682	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J	
⚠R6683	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J	
⚠R6684	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J	
R6689	QRL039J-221	OMF RESISTOR	220Ω 3W J	
R6690	QRL039J-221	OMF RESISTOR	220Ω 3W J	

TEMP. SENSOR P.W. BOARD ASS'Y (SSB-8381A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC8101	TCN75-5.0MOA-X	IC		
C8101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R8101	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8103	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

DISPLAY LED P.W. BOARD ASS'Y (SSB0L285A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1642	GP1UA261XK	IR DETECT UNIT	38kHz	
Q1641	2SC3928A/QR/-X	TRANSISTOR		
Q1642	2SC3928A/QR/-X	TRANSISTOR		
D1643	SEL2E10W	LED	POWER	
C1642	QER61CM-476Z	E CAPACITOR	47uF 16V M	
R1641	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1642	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1643	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1644	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1648	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1654	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
	LC40656-002A	LED SPACER		

DISPLAY SWITCH P.W. BOARD ASS'Y (SSB0L385-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
R2701	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2702	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R2703	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2704	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
S2701	QSW0619-003Z	TACT SWITCH	VOL+	
S2702	QSW0619-003Z	TACT SWITCH	CH-	
S2703	QSW0619-003Z	TACT SWITCH	MENU/ASPECT	
S2704	QSW0619-003Z	TACT SWITCH	INPUT	
S2705	QSW0619-003Z	TACT SWITCH	CH+	
S2706	QSW0619-003Z	TACT SWITCH	VOL-	
S2707	QSW0619-003Z	TACT SWITCH	POWER	

LINE FILTER P.W. BOARD ASS'Y (SFP-9509A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
⚠C9901	QFZ9075-225	MPP CAPACITOR	2.2uF AC275V M	
⚠C9904	QFZ9075-224	MPP CAPACITOR	0.22uF AC275V M	
⚠C9912	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9913	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9916	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠R9902	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠F9901	QMFZ041-100-J1	FUSE	10A 250V	
⚠J9901	QMCB006-C01	AC INLET		
⚠LF9901	QQR1281-002	LINE FILTER		
⚠LF9902	QQR1281-002	LINE FILTER		
⚠LF9903	QQR1376-001	LINE FILTER		
⚠LF9904	QQR1376-001	LINE FILTER		
⚠VA9901	ERZV10V621CS	ZNR		
	LC32345-001B	AC INLET BKT		

MAIN POWER P.W. BOARD ASS'Y (SFP-9503A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
⚠IC9001	QAL0425-001	POWER MODULE		
IC9002	FA5502M-W	IC		

⚠Ref No.	Part No.	Part Name	Description Local
IC9201	STR-W6765-F5	IC	
IC9202	SI-8050S	IC	
IC9204	UTCTL431-T	IC	
IC9401	F9214L-F226	IC	
IC9403	UTCTL431-T	IC	
IC9601	STR-G6452-F3	IC	
IC9602	UTCTL431-T	IC	
IC9611	STR-G6452-F3	IC	
IC9612	UTCTL431-T	IC	
IC9621	STR-G6452-F3	IC	
IC9622	UTCTL431-T	IC	
IC9631	L7815CP	IC	
IC9632	SI-8033S/F1	IC	
Q9002	2SC2411K/QR/-X	TRANSISTOR	
Q9003	2SC3928A/QR/-X	TRANSISTOR	
Q9004	2SK2196	POWER MOS FET	
Q9005	2SK2196	POWER MOS FET	
Q9006	2SC3074/OY/-X	TRANSISTOR	
Q9007	2SA1244/OY/-X	TRANSISTOR	
Q9008	2SC3928A/QR/-X	TRANSISTOR	
Q9201	2SD1266A/QP/	POW TRANSISTOR	
Q9207	2SC3928A/QR/-X	TRANSISTOR	
Q9215	2SC3928A/QR/-X	TRANSISTOR	
Q9401	2SK3264-01MR-F1	POWER MOS FET	
Q9402	2SC3928A/QR/-X	TRANSISTOR	
Q9405	2SC3928A/QR/-X	TRANSISTOR	
Q9408	2SC3928A/QR/-X	TRANSISTOR	
Q9409	2SC3928A/QR/-X	TRANSISTOR	
Q9411	UN2213-X	DIGI TRANSISTOR	
Q9412	UN2213-X	DIGI TRANSISTOR	
D9001	S1WB/A/60-4101	BRIDGE DIODE	
D9002	D25XB60	BRIDGE DIODE	
D9006	YG963S6R	SI DIODE	
D9007	MA111-X	SI DIODE	
D9008	MA111-X	SI DIODE	
D9010	D1FS4-X	SB DIODE	
D9011	D1FS4-X	SB DIODE	
D9012	YG963S6R	SI DIODE	
D9013	MA8068/M/-X	Z DIODE	
D9014	MA8110/H/-X	Z DIODE	
D9015	MA8051/M/-X	Z DIODE	
D9201	MTZJ33B-T2	Z DIODE	
D9202	MA111-X	SI DIODE	
D9203	RGP10J-5025-T3	SI DIODE	
D9204	MA8120-X	Z DIODE	
D9205	D1FL20U-X	SI DIODE	
D9206	MA8240-X	Z DIODE	
D9207	RGP10J-5025-T3	SI DIODE	
D9208	SARS01-T2	SI DIODE	
D9209	SARS01-T2	SI DIODE	
D9210	RGP10J-5025-T3	SI DIODE	
D9211	FML-G12S	SI DIODE	
D9212	RU3AM-LFC4	SI DIODE	
D9213	FML-G14S	SI DIODE	
D9214	MA111-X	SI DIODE	
D9216	MA111-X	SI DIODE	
D9218	EC30HA03L-X	SB DIODE	
D9219	EC30HA03L-X	SB DIODE	
D9220	PTZ6.8B-X	Z DIODE	
D9223	MA8330/M/-X	Z DIODE	
D9229	MA8047-X	Z DIODE	
D9230	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
D9401	SARS01-T2	SI DIODE	
D9402	EG01C-T2	SI DIODE	
D9403	EC30HA03L-X	SB DIODE	
D9404	FMG-G2CS	SI DIODE	
D9405	MA111-X	SI DIODE	
D9406	EG01C-T2	SI DIODE	
D9407	EG01C-T2	SI DIODE	
D9408	D1FL20U-X	SI DIODE	
D9409	FMG-G2CS	SI DIODE	
D9410	FMG-G2CS	SI DIODE	
D9413	MA8330/M/-X	Z DIODE	
D9414	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
D9415	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
D9416	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
D9420	PTZ3.9B-X	Z DIODE	
D9421	MA111-X	SI DIODE	
D9422	MA8082/M/-X	Z DIODE	
D9423	EG01C-T2	SI DIODE	
D9424	EG01C-T2	SI DIODE	
D9602	D1FL20U-X	SI DIODE	
D9603	D1FL20U-X	SI DIODE	
D9604	MA111-X	SI DIODE	
D9605	RGP10J-5025-T3	SI DIODE	
D9606	D1FL20U-X	SI DIODE	
D9607	MTZJ33B-T2	Z DIODE	
D9612	D1FL20U-X	SI DIODE	
D9613	D1FL20U-X	SI DIODE	
D9614	MA111-X	SI DIODE	
D9615	RGP10J-5025-T3	SI DIODE	
D9622	D1FL20U-X	SI DIODE	
D9623	D1FL20U-X	SI DIODE	
D9624	MA111-X	SI DIODE	
D9625	RGP10J-5025-T3	SI DIODE	
D9631	1N4002G-T2	SI DIODE	
D9632	EC30HA03L-X	SB DIODE	
D9633	EC30HA03L-X	SB DIODE	
D9634	PTZ3.9B-X	Z DIODE	
D9635	MA111-X	SI DIODE	
D9636	MA111-X	SI DIODE	
D9637	MTZJ27B-T2	Z DIODE	
⚠C9001	QCZ9079-102	C CAPACITOR	1000pF AC250V M
C9003	QEHR1AM-337Z	E CAPACITOR	330uF 10V M
C9004	QECR1CM-477Z	E CAPACITOR	470uF 16V M
C9005	QEZ0709-106	E CAPACITOR	10uF 450V M
⚠C9014	QFZ9072-105	MM CAPACITOR	1uF AC250V K
⚠C9019	QFZ9072-474	MM CAPACITOR	0.47uF AC250V K
C9020	QFZ0128-474	MPP CAPACITOR	0.47uF DC400V H
C9021	QEZ0601-187	E CAPACITOR	180uF 450V M
C9022	QEZ0601-187	E CAPACITOR	180uF 450V M
C9023	QEHR1HM-105Z	E CAPACITOR	1uF 50V M
C9024	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C9025	NDC31HJ-471X	C CAPACITOR	470pF 50V J
C9027	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C9028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C9029	NCF31CZ-334X	C CAPACITOR	0.33uF 16V Z
C9030	QEHR1VM-107Z	E CAPACITOR	100uF 35V M
C9031	NCB31CK-154X	C CAPACITOR	0.15uF 16V K
C9032	NDC31HJ-680X	C CAPACITOR	68pF 50V J
C9033	NDC31HJ-471X	C CAPACITOR	470pF 50V J
C9034	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C9201	QEHR1HM-105Z	E CAPACITOR	1uF 50V M
C9202	NDC31HJ-471X	C CAPACITOR	470pF 50V J
C9203	QCZ0340-471	C CAPACITOR	470pF 2kV K
C9204	QEHR1VM-476Z	E CAPACITOR	47uF 35V M
C9205	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C9207	QFP32JK-332	PP CAPACITOR	3300pF 630V K
C9208	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C9210	QEHR1VM-476Z	E CAPACITOR	47uF 35V M
C9213	QEHQ2AM-477	E CAPACITOR	470uF 100V M
C9214	QEHQ2AM-477	E CAPACITOR	470uF 100V M
C9215	QECQ1EM-228	E CAPACITOR	2200uF 25V M
C9216	QEHR1VM-477Z	E CAPACITOR	470uF 35V M
C9217	QFLC2AJ-104Z	M CAPACITOR	0.1uF 100V J
C9220	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C9221	QECR1EM-687Z	E CAPACITOR	680uF 25V M
C9223	QEZ0256-128	E CAPACITOR	1200uF 10V M
C9227	QEHR1HM-107Z	E CAPACITOR	100uF 50V M
C9401	QCZ0340-152	C CAPACITOR	1500pF 2kV K
C9402	QFZ0219-105	MPP CAPACITOR	1uF 400V J
C9403	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C9404	NDC31HJ-181X	C CAPACITOR	180pF 50V J
C9405	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C9406	QCZ0340-471	C CAPACITOR	470pF 2kV K
C9408	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C9410	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C9411	NCB31HK-333X	C CAPACITOR	0.033uF 50V K
C9412	QECR1EM-476Z	E CAPACITOR	47uF 25V M
C9414	QEZ0599-108	E CAPACITOR	1000uF 200V M
C9415	QEZ0599-108	E CAPACITOR	1000uF 200V M
C9416	QFP32GJ-393	PP CAPACITOR	0.039uF 400V J
C9417	NCB31HK-821X	C CAPACITOR	820pF 50V K
C9601	QCZ0340-471	C CAPACITOR	470pF 2kV K
C9602	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C9603	QEHR1HM-226Z	E CAPACITOR	22uF 50V M
C9604	NDC31HJ-561X	C CAPACITOR	560pF 50V J
C9606	QEHR2AM-107Z	E CAPACITOR	100uF 100V M
C9607	QEHR1HM-475Z	E CAPACITOR	4.7uF 50V M
C9608	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C9611	QCZ0340-471	C CAPACITOR	470pF 2kV K
C9612	NDC31HJ-471X	C CAPACITOR	470pF 50V J
C9613	QEHR1HM-226Z	E CAPACITOR	22uF 50V M
C9614	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C9615	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C9616	QEHR2DM-226Z	E CAPACITOR	22uF 200V M
C9621	QCZ0340-471	C CAPACITOR	470pF 2kV K
C9622	NDC31HJ-471X	C CAPACITOR	470pF 50V J
C9623	QEHR1HM-226Z	E CAPACITOR	22uF 50V M
C9624	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C9625	NCB31HK-104X	C CAPACITOR	0.1uF 50V K

⚠Ref No.	Part No.	Part Name	Description	Local
C9626	QEHR2DM-226Z	E CAPACITOR	22uF 200V M	
C9627	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9628	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9630	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9631	QEHR1VM-227Z	E CAPACITOR	220uF 35V M	
C9632	QEHR1EM-227Z	E CAPACITOR	220uF 25V M	
C9633	QECR1EM-687Z	E CAPACITOR	680uF 25V M	
C9635	QECR1AM-128Z	E CAPACITOR	1200uF 10V M	
⚠R9001	QRZ0057-825	C RESISTOR	8.2MΩ 1W J	
R9003	QRX01GJ-1R0	MF RESISTOR	1Ω 1W J	
R9004	QRX01GJ-R82	MF RESISTOR	0.82Ω 1W J	
R9007	QRE121J-151Y	C RESISTOR	150Ω 1/2W J	
R9008	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9009	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9010	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9011	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
⚠R9012	QRZ9055-4R7	FUSI RESISTOR	4.7Ω 2W K	
R9013	QRZ0216-4R7	UNF WW RESISTOR	4.7Ω 7W K	
R9015	QRE121J-224Y	C RESISTOR	220kΩ 1/2W J	
R9016	QRE121J-224Y	C RESISTOR	220kΩ 1/2W J	
⚠R9017	QRZ9009-220	FUSI RESISTOR	22Ω 1/2W J	
⚠R9018	QRZ9017-4R7	FUSI RESISTOR	4.7Ω 1/4W J	
R9019	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9020	QRE121J-331Y	C RESISTOR	330Ω 1/2W J	
⚠R9021	QRZ9017-4R7	FUSI RESISTOR	4.7Ω 1/4W J	
R9022	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9024	QRM059J-R15	MP RESISTOR	0.15Ω 5W J	
R9025	QRM059J-R15	MP RESISTOR	0.15Ω 5W J	
R9029	NRS144F-124X	MG RESISTOR	120kΩ 1/4W F	
R9030	NRS144F-124X	MG RESISTOR	120kΩ 1/4W F	
R9031	NRS144F-224X	MG RESISTOR	220kΩ 1/4W F	
R9032	NRS144F-224X	MG RESISTOR	220kΩ 1/4W F	
R9033	NRS144F-124X	MG RESISTOR	120kΩ 1/4W F	
R9034	NRS144F-124X	MG RESISTOR	120kΩ 1/4W F	
R9035	QRE121J-472Y	C RESISTOR	4.7kΩ 1/2W J	
R9036	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9040	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R9045	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	
R9046	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9047	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R9048	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9049	QRK126J-820X	UNF C RESISTOR	82Ω 1/2W J	
R9051	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9052	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R9053	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J	
R9054	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R9056	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D	
R9057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9060	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R9061	QRZ0216-4R7	UNF WW RESISTOR	4.7Ω 7W K	
R9062	QRE121J-100Y	C RESISTOR	10Ω 1/2W J	
R9063	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9065	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9066	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9201	QRL039J-563	OMF RESISTOR	56kΩ 3W J	
R9202	QRL039J-563	OMF RESISTOR	56kΩ 3W J	
R9204	QRT029J-R27	MF RESISTOR	0.27Ω 2W J	
R9205	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J	
R9206	QRE121J-182Y	C RESISTOR	1.8kΩ 1/2W J	
R9207	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9208	QRE121J-684Y	C RESISTOR	680kΩ 1/2W J	
R9209	QRL039J-220	OMF RESISTOR	22Ω 3W J	
⚠R9210	QRZ9009-100	FUSI RESISTOR	10Ω 1/2W J	
R9211	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9212	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9213	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9214	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9216	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9217	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J	
R9218	QRE121J-124Y	C RESISTOR	120kΩ 1/2W J	
R9219	QVP0087-202Z	TRIM RESISTOR	2kΩ 0.3W N	
R9220	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R9221	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R9225	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9239	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9240	QRE121J-273Y	C RESISTOR	27kΩ 1/2W J	
R9241	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R9243	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9266	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9267	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9268	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R9269	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9270	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9271	QRL039J-682	OMF RESISTOR	6.8kΩ 3W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R9401	QRE121J-824Y	C RESISTOR	820kΩ 1/2W J	
R9402	QRL039J-220	OMF RESISTOR	22Ω 3W J	
R9403	QRL039J-563	OMF RESISTOR	56kΩ 3W J	
R9404	QRM059J-R22	MP RESISTOR	0.22Ω 5W J	
R9405	QRT029J-3R9	MF RESISTOR	3.9Ω 2W J	
R9406	QRE121J-120Y	C RESISTOR	12Ω 1/2W J	
R9407	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9408	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9409	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R9411	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9413	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9414	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
⚠R9415	QRZ9017-470	FUSI RESISTOR	47Ω 1/4W J	
R9416	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9417	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R9418	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9420	NRS12BJ-823W	MG RESISTOR	82kΩ 1/2W J	
R9421	NRS12BJ-562W	MG RESISTOR	5.6kΩ 1/2W J	
R9422	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R9423	NRS12BJ-823W	MG RESISTOR	82kΩ 1/2W J	
R9424	QVP0087-501Z	TRIM RESISTOR	500Ω 0.3W N	
R9425	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R9426	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9435	QRE121J-124Y	C RESISTOR	120kΩ 1/2W J	
R9436	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R9450	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9451	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9452	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9453	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9454	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9455	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9456	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9457	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9601	QRX01GJ-1R8	MF RESISTOR	1.8Ω 1W J	
R9603	QRK126J-681X	UNF C RESISTOR	680Ω 1/2W J	
⚠R9604	QRZ9017-100	FUSI RESISTOR	10Ω 1/4W J	
R9605	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J	
R9606	QRE121J-183Y	C RESISTOR	18kΩ 1/2W J	
R9607	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9608	NRS12BJ-823W	MG RESISTOR	82kΩ 1/2W J	
R9609	QRK126J-562X	UNF C RESISTOR	5.6kΩ 1/2W J	
R9610	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9611	QRX01GJ-1R0	MF RESISTOR	1Ω 1W J	
R9613	QRK126J-681X	UNF C RESISTOR	680Ω 1/2W J	
⚠R9614	QRZ9017-100	FUSI RESISTOR	10Ω 1/4W J	
R9615	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J	
R9616	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R9617	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9618	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9619	QRK126J-562X	UNF C RESISTOR	5.6kΩ 1/2W J	
R9621	QRX01GJ-1R0	MF RESISTOR	1Ω 1W J	
R9623	QRK126J-681X	UNF C RESISTOR	680Ω 1/2W J	
⚠R9624	QRZ9017-100	FUSI RESISTOR	10Ω 1/4W J	
R9625	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J	
R9626	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R9627	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9628	QVP0087-202Z	TRIM RESISTOR	2kΩ 0.3W N	
R9629	QRK126J-562X	UNF C RESISTOR	5.6kΩ 1/2W J	
R9632	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9635	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R9636	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9637	NRS12BJ-683W	MG RESISTOR	68kΩ 1/2W J	
R9638	NRS12BJ-683W	MG RESISTOR	68kΩ 1/2W J	
R9639	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9640	QVP0087-102Z	TRIM RESISTOR	1kΩ 0.3W N	
R9641	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R9642	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R9643	NRS12BJ-683W	MG RESISTOR	68kΩ 1/2W J	
R9644	NRS12BJ-683W	MG RESISTOR	68kΩ 1/2W J	
R9645	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9646	QVP0087-102Z	TRIM RESISTOR	1kΩ 0.3W N	
R9647	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R9648	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
⚠R9649	QRZ9009-1R5	FUSI RESISTOR	1.5Ω 1/2W J	
⚠R9650	QRZ9009-1R5	FUSI RESISTOR	1.5Ω 1/2W J	
⚠R9651	QRZ9009-1R5	FUSI RESISTOR	1.5Ω 1/2W J	
L9001	QQL26AM-4R7Z	PEAKING COIL	4.7uH M	
L9002	QQR1440-001	CHOKE COIL		
L9201	QQR1432-001	CHOKE COIL		
L9401	QQLZ026-5R0	COIL	5uH ±7%	
L9631	QQR1432-001	CHOKE COIL		
⚠T9201	QQS0248-001	SW TRANSF		
⚠T9401	QQS0246-001	SW TRANSF		
⚠T9402	QQS0252-001	SW TRANSF		
⚠T9601	QQS0250-001	SW TRANSF		
⚠T9602	QQS0251-001	SW TRANSF		

⚠Ref No.	Part No.	Part Name	Description	Local
⚠T9603	QQS0251-001	SW TRANSF		
⚠PC9001	PS2581AL1/QW/	PHOTO COUPLER		
⚠PC9201	PS2581AL1/QW/	PHOTO COUPLER		
⚠PC9203	PS2581AL1/QW/	PHOTO COUPLER		
⚠PC9401	PS2581AL1/QW/	PHOTO COUPLER		
⚠PC9402	PS2581AL1/QW/	PHOTO COUPLER		
⚠PC9601	PC817CD	PHOTO COUPLER		
⚠PC9611	PC817CD	PHOTO COUPLER		
⚠PC9621	PC817CD	PHOTO COUPLER		
⚠CP9001	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠CP9002	QMFZ052-2R0-E	FUSE	2A AC250V	
⚠CP9202	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9601	QMFZ052-2R0-E	FUSE	2A AC250V	
⚠LF9001	QQR1281-002	LINE FILTER		
⚠RY9001	QSK0118-001	RELAY		
⚠RY9002	QSK0090-001	RELAY		
⚠TH9001	QAD0125-471	P THERMISTOR	110°C470Ω 16V	
	LC41755-001A	RADIATION SHEET		
	CE41666-002	RADIATION SHEET	(x2)	
	LC42094-001A	COOLING SHEET		
	LC42094-002A	COOLING SHEET	(x11)	

SUB POWER P.W. BOARD ASS'Y (SFP-9505A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9001	STR-W6765-F5	IC		
IC9051	UTCTL431-T	IC		
D9001	MTZJ33B-T2	Z DIODE		
D9004	RGP10J-04TS-T3	SI DIODE		
D9005	1SS133-T2	SI DIODE		
D9006	RGP10J-04TS-T3	SI DIODE		
D9008	SARS01-T2	SI DIODE		
D9009	SARS01-T2	SI DIODE		
D9011	1SS133-T2	SI DIODE		
D9051	FMX-22S	SI DIODE		
D9052	RU3YX-LFC4	SI DIODE		
C9001	QEZ0674-476	E CAPACITOR	47uF 450V M	
C9002	QFP32JK-332	PP CAPACITOR	3300pF 630V K	
C9003	QCZ0340-471	C CAPACITOR	470pF 2kV K	
C9004	QCS31HJ-471Z	C CAPACITOR	470pF 50V J	
C9006	QCB31HK-562Z	C CAPACITOR	5600pF 50V K	
C9007	QEHR1HM-476Z	E CAPACITOR	47uF 50V M	
C9008	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C9010	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9051	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9052	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9053	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M	
C9057	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
⚠C9901	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9902	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
R9001	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J	
R9002	QRM059J-R56	MP RESISTOR	0.56Ω 5W J	
R9004	QRL029J-104	OMF RESISTOR	100kΩ 2W J	
R9005	QRL029J-104	OMF RESISTOR	100kΩ 2W J	
R9006	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J	
R9008	QRE121J-564Y	C RESISTOR	560kΩ 1/2W J	
R9009	QRL039J-220	OMF RESISTOR	22Ω 3W J	
⚠R9010	QRZ9017-470	FUSI RESISTOR	47Ω 1/4W J	
R9011	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R9012	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9050	QRL039J-181	OMF RESISTOR	180Ω 3W J	
R9051	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9053	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J	
R9055	QRA14CF-8201Y	CMF RESISTOR	8.2kΩ 1/4W F	
R9057	QRA14CF-2001Y	CMF RESISTOR	2kΩ 1/4W F	
R9058	QRE141J-273Y	C RESISTOR	27kΩ 1/4W J	
R9059	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
T9001	QQS0247-001	SW TRANSF		
⚠PC9001	PS2581AL1/QW/	PHOTO COUPLER		
⚠CP9001	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠CP9051	ICP-N50-Y	IC PROTECTOR	2.0A	

PRINTED WIRING BOARD PARTS LIST [VM-50X795/Z]

DISPLAY INTERFACE P.W. BOARD ASS'Y (SFP-7503A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC101	PQ1CY1032Z-W	IC		
IC102	BA12FP-X	IC		
IC401	PQ20WZ11-X	IC		
IC501	SII169CT100	IC	100pin	
IC502	S-80828CLNB-W	IC		
IC601	THC63LVDM83R-W	IC		
IC602	THC63LVDM83R-W	IC		
IC801	BA033FP-X	IC		
IC802	BA05FP-X	IC		
IC803	MAX3221CDB-X	IC		
IC805	ATE16-50X795	IC	(SERVICE)	
IC807	HD6433685A80H	IC(MCU)		
IC809	S-80840CLNB-W	IC		
Q410	2SC3928A/QR/-X	TRANSISTOR		
Q501	2SC3928A/QR/-X	TRANSISTOR		
Q703	2SK2090-X	MOS FET		
Q704	2SK2090-X	MOS FET		
Q803	2SA1530A/QR/-X	TRANSISTOR		
Q804	2SC3928A/QR/-X	TRANSISTOR		
Q805	2SK2090-X	MOS FET		
Q806	2SK2090-X	MOS FET		
Q807	2SA1530A/QR/-X	TRANSISTOR		
Q808	2SC3928A/QR/-X	TRANSISTOR		
Q811	2SC3928A/QR/-X	TRANSISTOR		
Q812	2SC3928A/QR/-X	TRANSISTOR		
Q813	2SC3928A/QR/-X	TRANSISTOR		
D101	EC30HA03L-X	SB DIODE		
D102	PTZ6.8B-X	Z DIODE		
D410	MA111-X	SI DIODE		
D412	MA111-X	SI DIODE		
D501	BAV99L-X	SI DIODE		
D502	BAV99L-X	SI DIODE		
D503	BAV99L-X	SI DIODE		
D504	BAV99L-X	SI DIODE		
D505	BAV99L-X	SI DIODE		
D506	BAV99L-X	SI DIODE		
D507	BAV99L-X	SI DIODE		
D508	BAV99L-X	SI DIODE		
D509	BAV99L-X	SI DIODE		
D510	BAV99L-X	SI DIODE		
D611	MA8056/M/-X	Z DIODE		
D803	MA111-X	SI DIODE		
D804	MA8056/M/-X	Z DIODE		
D901	1SS355-X	SI DIODE		
D902	1SS355-X	SI DIODE		
C103	QETM1EM-477	E CAPACITOR	470uF 25V M	
C105	QETM0JM-108	E CAPACITOR	1000uF 6.3V M	
C108	NEH71EM-336X	E CAPACITOR	33uF 25V M	
C109	NEH71EM-336X	E CAPACITOR	33uF 25V M	
C112	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C113	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C114	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C117	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
C401	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C402	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C404	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C405	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C410	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C412	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C501	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
C502	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
C503	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C510	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C516	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C517	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C601	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C602	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
C603	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C604	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C610	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C611	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C612	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C621	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C622	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C623	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C624	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C625	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C626	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C803	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C805	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C806	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C807	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C810	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
C811	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C812	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C815	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C817	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C821	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C823	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C825	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C826	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C829	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R101	NRSA63D-182X	MG RESISTOR	1.8kΩ 1/16W D	
R102	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R103	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R108	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R402	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R403	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R408	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R410	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R412	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R413	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R415	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R501	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R505	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R507	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R510	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R511	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R512	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R514	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R515	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R518	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R519	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R529	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R532	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R533	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R535	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R536	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R537	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R540	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R541	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R542	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R543	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R544	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R546	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R601	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R602	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R603	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R604	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description Local
R605	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R606	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R608	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R609	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R613	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R614	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R615	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R616	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R617	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R618	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R619	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R626	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R631	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R632	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R633	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R635	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R636	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R637	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R803	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R804	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R805	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R806	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R807	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R808	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R809	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R810	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R811	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R812	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R813	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R814	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R815	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R816	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R817	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R818	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R820	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R821	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R833	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R834	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R836	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R838	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R839	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R842	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R843	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R844	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R845	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R846	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R847	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R848	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R849	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R850	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R851	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R852	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R853	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R854	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R855	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R856	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R857	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R858	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R859	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R860	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R861	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R863	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R867	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R868	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R869	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R870	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R871	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R872	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R873	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R875	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R877	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R878	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R879	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R880	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R881	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R882	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R883	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R884	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R885	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R886	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R887	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R890	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R891	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R893	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R894	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R896	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R897	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R898	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R899	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R900	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R901	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R902	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R906	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R910	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R911	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R912	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R914	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R915	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R917	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R918	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R919	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R920	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R921	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R923	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R924	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R925	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R926	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R927	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R928	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R932	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R933	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R934	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R935	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R936	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R937	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R938	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R939	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R940	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R942	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R943	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R945	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R946	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R947	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R948	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R949	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R950	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R951	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R952	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R953	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R961	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R962	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R963	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R964	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R965	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R967	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R968	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R969	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R974	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R976	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R977	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
RA607	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
RA608	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
RA609	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
RA610	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
RA611	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
RA612	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
RA613	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
RA614	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
RA615	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
RA616	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
RA617	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
RA618	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4
L101	NQL63EM-680X	COIL	68uH M
L501	NQR0351-001X	FERRITE BEADS	
L601	NQR0351-001X	FERRITE BEADS	
L801	NQR0351-001X	FERRITE BEADS	
L802	NQR0351-001X	FERRITE BEADS	
K801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K803	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K804	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K805	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J

⚠Ref No.	Part No.	Part Name	Description	Local
X801	QAX0534-001	C RESONATOR	16.000MHz	
	LC32269-001B	SHIELD COVER		
	LC32270-002A	SHIELD FRAME		

AUDIO P.W. BOARD ASS'Y (SFP-6501A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC6501	BA4558F-X	IC		
IC6521	NJW1137M-W	IC		
IC6551	BA4558F-X	IC		
IC6552	BA4558F-X	IC		
IC6571	BA4558F-X	IC		
IC6572	BA4558F-X	IC		
IC6621	TA8270HA	IC		
Q6521	2SC3928A/QR/-X	TRANSISTOR		
Q6522	2SC3928A/QR/-X	TRANSISTOR		
Q6523	2SA1530A/QR/-X	TRANSISTOR		
Q6531	2SC3928A/QR/-X	TRANSISTOR		
Q6532	2SC3928A/QR/-X	TRANSISTOR		
Q6533	2SC3928A/QR/-X	TRANSISTOR		
Q6534	2SA1530A/QR/-X	TRANSISTOR		
Q6535	2SC3928A/QR/-X	TRANSISTOR		
Q6536	2SC3928A/QR/-X	TRANSISTOR		
Q6642	2SA1530A/QR/-X	TRANSISTOR		
Q6643	2SC3928A/QR/-X	TRANSISTOR		
D6501	MA111-X	SI DIODE		
D6502	MA111-X	SI DIODE		
D6503	MA111-X	SI DIODE		
D6504	MA111-X	SI DIODE		
D6505	MA111-X	SI DIODE		
D6506	MA111-X	SI DIODE		
D6551	MA8062/M/-X	Z DIODE		
D6621	MA8330/M/-X	Z DIODE		
D6622	MA8330/M/-X	Z DIODE		
D6623	MA8330/M/-X	Z DIODE		
D6624	MA8330/M/-X	Z DIODE		
D6625	MA8330/M/-X	Z DIODE		
D6626	MA8330/M/-X	Z DIODE		
D6627	MA8330/M/-X	Z DIODE		
D6628	MA8330/M/-X	Z DIODE		
D6629	D1FS4-X	SB DIODE		
D6630	D1FS4-X	SB DIODE		
D6631	D1FS4-X	SB DIODE		
D6632	D1FS4-X	SB DIODE		
D6641	MA111-X	SI DIODE		
D6642	MA111-X	SI DIODE		
D6643	MA111-X	SI DIODE		
C6501	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6502	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6503	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6504	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6505	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6506	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6507	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6508	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6509	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6510	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6511	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6512	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6517	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C6518	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C6519	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6521	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6522	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C6523	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	
C6525	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C6526	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6527	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6528	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6529	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C6530	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	
C6532	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C6533	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6534	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6535	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6536	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6537	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6538	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6539	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6540	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6541	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6542	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6543	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6544	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6546	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6551	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6552	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6553	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6554	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6555	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6556	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6557	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6558	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6559	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C6561	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6562	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C6563	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6564	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6565	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6566	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6567	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6568	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6569	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6570	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6571	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	
C6572	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	
C6573	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C6574	NCB31HJ-103X	C CAPACITOR	0.01uF 50V J	
C6575	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C6576	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C6577	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C6578	NCB31HJ-103X	C CAPACITOR	0.01uF 50V J	
C6581	NCB21EK-124X	C CAPACITOR	0.12uF 25V K	
C6582	NCB21EK-124X	C CAPACITOR	0.12uF 25V K	
C6583	NCB21EK-124X	C CAPACITOR	0.12uF 25V K	
C6584	NCB21EK-124X	C CAPACITOR	0.12uF 25V K	
C6585	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6586	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6587	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6588	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6601	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6602	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6603	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6604	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6621	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6622	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6623	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6624	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6625	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6626	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C6627	QETM1EM-228	E CAPACITOR	2200uF 25V M	
C6628	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6629	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6630	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6631	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6632	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6633	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6634	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6635	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6636	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6642	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
C6643	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6651	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6681	QETM1CM-478	E CAPACITOR	4700uF 16V M	
C6682	QETM1CM-478	E CAPACITOR	4700uF 16V M	
C6683	QETM1CM-478	E CAPACITOR	4700uF 16V M	
C6684	QETM1CM-478	E CAPACITOR	4700uF 16V M	
R6421	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6501	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6502	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6503	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6504	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6505	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6506	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6507	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6508	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6509	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6510	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6511	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6512	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6513	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6514	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6515	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description Local
R6521	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6522	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6523	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6524	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6525	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6526	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6527	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6528	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6529	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6530	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6531	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6532	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6533	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6534	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6535	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6536	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6537	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6538	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6539	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6540	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6541	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6543	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6544	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R6545	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R6546	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R6547	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R6551	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R6552	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6553	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R6554	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R6555	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6556	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R6557	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R6558	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R6559	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R6560	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R6561	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6562	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6563	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R6564	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6565	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R6566	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6567	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
R6568	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6569	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
R6571	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R6572	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R6573	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R6574	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R6575	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R6576	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R6577	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R6578	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R6579	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R6580	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R6581	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R6582	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R6583	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R6584	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R6585	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R6586	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R6587	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R6588	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R6591	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R6595	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6596	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6601	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R6602	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6603	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6604	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6605	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R6606	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6607	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6608	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R6610	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6611	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6612	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6613	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R6614	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6615	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6616	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6617	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
⚠R6621	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
⚠R6622	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
⚠R6623	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
⚠R6624	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
⚠R6625	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
⚠R6626	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
⚠R6627	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
⚠R6628	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
R6643	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R6645	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R6646	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R6647	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6648	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6649	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R6653	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6654	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6661	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6671	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6673	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
⚠R6681	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J
⚠R6682	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J
⚠R6683	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J
⚠R6684	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J
R6689	QRL039J-221	OMF RESISTOR	220Ω 3W J
R6690	QRL039J-221	OMF RESISTOR	220Ω 3W J

TEMP. SENSOR P.W. BOARD ASS'Y (SSB-8381A-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

DISPLAY LED P.W. BOARD ASS'Y (SSB0L285A-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

DISPLAY SWITCH P.W. BOARD ASS'Y (SSB0L385-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

LINE FILTER P.W. BOARD ASS'Y (SFP-9503A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
⚠C9901	QFZ9075-225	MPP CAPACITOR	2.2uF AC275V M
⚠C9904	QFZ9075-224	MPP CAPACITOR	0.22uF AC275V M
⚠C9912	QCZ9079-102	C CAPACITOR	1000pF AC250V M
⚠C9913	QCZ9079-102	C CAPACITOR	1000pF AC250V M
⚠C9916	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K
⚠R9902	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K
⚠F9901	QMFZ041-100-J1	FUSE	10A 250V
⚠J9901	QMCB006-C01	AC INLET	
⚠LF9901	QQR1281-002	LINE FILTER	
⚠LF9902	QQR1281-002	LINE FILTER	
⚠LF9903	QQR1376-001	LINE FILTER	
⚠LF9904	QQR1376-001	LINE FILTER	
⚠VA9901	ERZV10V621CS	ZNR	
	LC32345-001B	AC INLET BKT	

SUB POWER P.W. BOARD ASS'Y (SFP-9505A-M2)

REFER TO PARTS LIST IN PAGE 3-22 FOR THIS P.W. BOARD.

RECEIVER UNIT

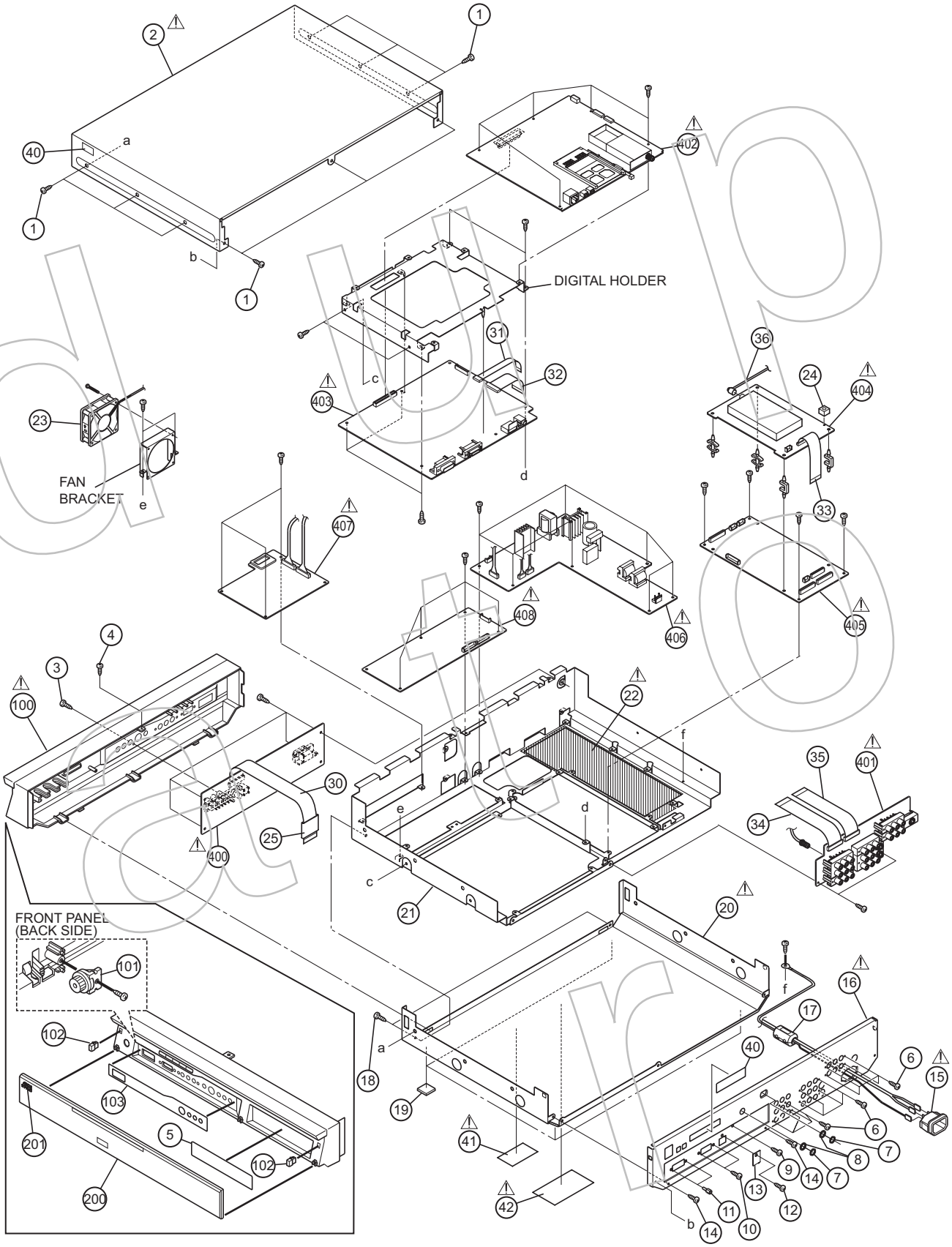
USING P.W. BOARD

P.W.B ASS'Y name	TU-42X795/S	TU-50X795/Z
DIGITAL SIGNAL P.W.B	SFP0D502A-M2	SFP0D501A-M2
FRONT CONTROL P.W.B	SFP-8501A-M2	←
AV JACK P.W.B	SFP0J501A-M2	←
RECEIVER P.W.B	SFP0F501A-M2	←
SYSTEM POWER P.W.B	SFP-9511A-M2	←
REGULATOR P.W.B	SFP-9507A-M2	←
ANALOG SIGNAL P.W.B	SFP0A501A-M2	←
SD CARD P.W.B	SFP-8505A-M2	←
ATSC TUNER MODULE	SSD-2101A-M2	←

EXPLODED VIEW PARTS LIST - 7

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	QYSDSG3008NA	TAP SCREW	M3 x 8mm(x9)	
⚠	2	LC11748-001B-0K	TOP COVER		
	3	QYSBSF3010NA	TAP SCREW	M3 x 10mm	
	4	QYSDSG3008NA	TAP SCREW	M3 x 8mm	
	5	LC42054-001A	PLATE		
	6	QYSBSF3010M	TAP SCREW	M3 x 10mm(x12)	
	7	WM40532-001	NUT	(x2)	
	8	CM46798-001	WASHER	(x2)	
	9	QYSDSP3006NA	SCREW	M3 x 6mm	
	10	QYSPSPL2608NA	SCREW	M2.6 x 8mm(x2)	
	11	QNB0036-001	HEX SCREW	(x2)	
	12	QYSBSG3006NA	TAP SCREW	M3 x 6mm	
	13	LC41897-001A	SERVICE COVER		
	14	QYSDSG3008NA	TAP SCREW	M3 x 8mm(x2)	
⚠	15	QMCB004-001	AC INLET		
⚠	16	LC21578-001C-0K	BACK COVER		
	17	QQR0491-001	FERRITE CORE	(GRAY)	
	18	QYSDSG3008NA	TAP SCREW	M3 x 8mm(x2)	
	19	LC41284-002A	FOOT	(x4)	
	20	LC11747-001B	BOTTOM CASE		
	21	LC11746-001B	CHASSIS BASE		
⚠	22	LC32534-001B	INSULATOR		
	23	QAR0314-001	COOLING FAN		
	24	LC42056-001A	SHADE SPACER		
	25	QQR1623-001	FERRITE CORE		
	30	QUQ105-5013AE	FFC WIRE	50pin 13cm	
	31	QUQ105-3004AA	FFC WIRE	30pin 4cm	
	32	QUQ105-5004AA	FFC WIRE	50pin 4cm	
	33	QUQ105-4004AA	FFC WIRE	40pin 4cm	
	34	QUQ105-5007AE	FFC WIRE	50pin 7cm	
	35	QUQ105-5007AE	FFC WIRE	50pin 7cm	
	36	QAM0493-001	F CABLE		
	40	LC42105-001A	CABLE CARD LABEL		
	41	LC42102-003A-A	FCC LABEL		PD-42X795
	41	LC42102-004A-A	FCC LABEL		PD-50X795
⚠	42	LC32732-001A-A	RATING LABEL		
⚠	100	LC11719-002A	FRONT PANEL ASS'Y	Inc.101,102,103	PD-42X795
⚠	100	LC11719-002A-0K	FRONT PANEL ASS'Y	Inc.101,102,103	PD-50X795
	101	QYSDSF3010ZA	TAP SCREW	M3 x 10mm	
	102	QZW0063-001	MAGNET LATCH	(x2)	
	103	LC32512-002A	CONTROL PLATE		
	200	LC21443-003B-0K	DOOR ASS'Y	Inc.201	
	201	PQ45130-6	JVC MARK		
⚠	400	SFP-8501A-M2	FRONT CONTROL PWB		
⚠	401	SFP0J501A-M2	AV JACK PWB		
⚠	402	SSD-2101A-M2	ATSC TUNER MODULE		
⚠	403	SFP0D502A-M2	DIGITAL SIGNAL PWB		PD-42X795
⚠	403	SFP0D501A-M2	DIGITAL SIGNAL PWB		PD-50X795
⚠	404	SFP0F501A-M2	RECEIVER PWB		
⚠	405	SFP0A501A-M2	ANALOG SIGNAL PWB		
⚠	406	SFP-9511A-M2	SYSTEM POWER PWB		
⚠	407	SFP-8505A-M2	SD CARD PWB		
⚠	408	SFP-9507A-M2	REGULATOR PWB		

EXPLODED VIEW - 7



PRINTED WIRING BOARD PARTS LIST [TU-42X795/S]

DIGITAL SIGNAL P.W. BOARD ASS'Y (SFP0D502A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC	100pin	
IC1002	MM1572FN-X	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC	438pin	
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	HY5DU283222AQ-5	IC	100pin	
IC3502	HY5DU283222AQ-5	IC	100pin	
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC	208pin	
IC4003	AT29LV01-42X795	IC	(SERVICE)	
IC4004	ATE256-42X7952	IC	(SERVICE)	
IC4005	SN74LVC1G08V-X	IC		
IC6003	MAX3221CDB-X	IC		
IC6101	SII170BCL64	IC		
IC6103	IC-PST575M/J/-X	IC		
IC7001	MN102H60KPD	IC(MCU)	100pin	
IC7002	ATE256-42X7951	IC	(SERVICE)	
IC7401	S-80828CLNB-W	IC		
IC7601	M306V7FG-089FP	IC(MCU)	100pin	
IC7602	ATE32-42X795	IC	(SERVICE)	
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC7609	SN74AHCT1G08V-X	IC		
IC9001	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q6001	2SC3928A/QR/-X	TRANSISTOR		
Q6101	2SK1374-X	MOS FET		
Q6102	2SK1374-X	MOS FET		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D2101	MA111-X	SI DIODE		
D6001	1SS355-X	SI DIODE		
D6002	1SS355-X	SI DIODE		
D6003	1SS355-X	SI DIODE		
D6004	MA111-X	SI DIODE		
D6103	BAV99L-X	SI DIODE		
D6104	BAV99L-X	SI DIODE		
D6105	BAV99L-X	SI DIODE		
D6106	BAV99L-X	SI DIODE		
D6107	BAV99L-X	SI DIODE		
D6108	BAV99L-X	SI DIODE		
D6109	BAV99L-X	SI DIODE		
D6110	BAV99L-X	SI DIODE		
D6111	BAV99L-X	SI DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	MA111-X	SI DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7204	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-330X	C CAPACITOR		33pF 50V J
C0105	NDC31HJ-270X	C CAPACITOR		27pF 50V J
C0107	NCF31CZ-104X	C CAPACITOR		0.1uF 16V Z
C0109	NCB11AK-106X	C CAPACITOR		10uF 10V K
C0110	NCB11AK-106X	C CAPACITOR		10uF 10V K
C0111	NDC31HJ-820X	C CAPACITOR		82pF 50V J
C0112	NDC31HJ-820X	C CAPACITOR		82pF 50V J
C0113	NCB11AK-106X	C CAPACITOR		10uF 10V K
C0114	NCF31CZ-104X	C CAPACITOR		0.1uF 16V Z
C0115	NCF31CZ-104X	C CAPACITOR		0.1uF 16V Z
C0116	NCB11AK-106X	C CAPACITOR		10uF 10V K
C0117	NDC31HJ-560X	C CAPACITOR		56pF 50V J
C0203	NDC31HJ-330X	C CAPACITOR		33pF 50V J
C0205	NDC31HJ-270X	C CAPACITOR		27pF 50V J
C0207	NCF31CZ-104X	C CAPACITOR		0.1uF 16V Z
C0209	NCB11AK-106X	C CAPACITOR		10uF 10V K
C0210	NCB11AK-106X	C CAPACITOR		10uF 10V K
C0211	NDC31HJ-820X	C CAPACITOR		82pF 50V J
C0212	NDC31HJ-820X	C CAPACITOR		82pF 50V J
C0213	NCB11AK-106X	C CAPACITOR		10uF 10V K
C0214	NCF31CZ-104X	C CAPACITOR		0.1uF 16V Z
C0215	NCF31CZ-104X	C CAPACITOR		0.1uF 16V Z
C0217	NDC31HJ-560X	C CAPACITOR		56pF 50V J
C0303	NDC31HJ-330X	C CAPACITOR		33pF 50V J
C0305	NDC31HJ-270X	C CAPACITOR		27pF 50V J
C0307	NCF31CZ-104X	C CAPACITOR		0.1uF 16V Z
C0309	NCB11AK-106X	C CAPACITOR		10uF 10V K
C0310	NCB11AK-106X	C CAPACITOR		10uF 10V K
C0311	NDC31HJ-820X	C CAPACITOR		82pF 50V J
C0312	NDC31HJ-820X	C CAPACITOR		82pF 50V J
C0313	NCB11AK-106X	C CAPACITOR		10uF 10V K
C0314	NCF31CZ-104X	C CAPACITOR		0.1uF 16V Z
C0315	NCF31CZ-104X	C CAPACITOR		0.1uF 16V Z
C0317	NDC31HJ-560X	C CAPACITOR		56pF 50V J
C0401	NCB31CK-104X	C CAPACITOR		0.1uF 16V K
C0519	NDC31HJ-560X	C CAPACITOR		56pF 50V J
C1001	NCB31HK-103X	C CAPACITOR		0.01uF 50V K
C1003	NCB31HK-103X	C CAPACITOR		0.01uF 50V K
C1004	NCB31HK-103X	C CAPACITOR		0.01uF 50V K
C1005	NCB31HK-152X	C CAPACITOR		1500pF 50V K
C1006	NCB31HK-103X	C CAPACITOR		0.01uF 50V K
C1008	NCB31HK-103X	C CAPACITOR		0.01uF 50V K
C1009	NDC31HJ-220X	C CAPACITOR		22pF 50V J
C1010	NDC31HJ-180X	C CAPACITOR		18pF 50V J
C1011	NDC31HJ-102X	C CAPACITOR		1000pF 50V J
C1012	NCB31HK-103X	C CAPACITOR		0.01uF 50V K
C1013	NCB31HK-103X	C CAPACITOR		0.01uF 50V K
C1014	NCB31HK-103X	C CAPACITOR		0.01uF 50V K
C1015	NCB31HK-103X	C CAPACITOR		0.01uF 50V K
C1016	NCB11AK-106X	C CAPACITOR		10uF 10V K
C1017	NCB31HK-103X	C CAPACITOR		0.01uF 50V K
C1018	NCB31HK-103X	C CAPACITOR		0.01uF 50V K
C1019	NCB31HK-103X	C CAPACITOR		0.01uF 50V K
C1021	NCB31HK-103X	C CAPACITOR		0.01uF 50V K
C1023	NCB31HK-103X	C CAPACITOR		0.01uF 50V K
C1025	NCB31HK-103X	C CAPACITOR		0.01uF 50V K
C1026	NCB31HK-103X	C CAPACITOR		0.01uF 50V K
C1028	NCB31HK-103X	C CAPACITOR		0.01uF 50V K

⚠Ref No.	Part No.	Part Name	Description Local
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1034	NDC31HJ-390X	C CAPACITOR	39pF 50V J
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C1064	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
C2101	NCB21HK-104X	C CAPACITOR	0.1uF 50V K
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3037	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C6013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6014	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6017	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6020	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6102	NCB11AK-106X	C CAPACITOR	10uF 10V K
C6105	NCF41CZ-106X	C CAPACITOR	10uF 16V Z
C6106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6107	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C6108	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6109	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C6111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6112	NCF41CZ-106X	C CAPACITOR	10uF 16V Z
C6113	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6115	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C6116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6117	NCF41CZ-106X	C CAPACITOR	10uF 16V Z
C6119	NCF41CZ-106X	C CAPACITOR	10uF 16V Z
C6120	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6122	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C6128	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6129	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K

⚠Ref No.	Part No.	Part Name	Description Local
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C7011	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C7012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C7203	NCB31CK-473X	C CAPACITOR	0.047uF 16V K
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7614	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C7615	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K
C7617	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C9008	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C9010	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C9110	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C9209	NEZ0022-157X	E CAPACITOR	150uF 10V M
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0109	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1010	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R1011	NQL093K-R10X	COIL	0.1uH K
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description	Local
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2027	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2028	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R2056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2103	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R2104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2105	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2121	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2123	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4051	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4053	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6022	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R6035	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6044	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6045	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6047	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6048	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6049	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6050	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6051	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6052	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6104	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description Local
R6106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6108	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6111	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6112	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6114	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R6115	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6116	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6117	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6118	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6119	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R6120	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R6124	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R6125	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R6126	NDC31HJ-220X	C CAPACITOR	22pF 50V J
R6127	NDC31HJ-220X	C CAPACITOR	22pF 50V J
R6128	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R6129	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R6130	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R6131	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J
R6132	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6134	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7030	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7032	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7058	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R7059	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R7063	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7077	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R7609	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7614	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D
R9004	NRSA63D-154X	MG RESISTOR	150kΩ 1/16W D
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R9008	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R9111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description	Local
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9208	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA2012	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
RA2013	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4001	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4002	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4003	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4004	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4005	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4006	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0101	NQL092K-2R2X	COIL	2.2uH K	
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0201	NQL092K-2R2X	COIL	2.2uH K	
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0301	NQL092K-2R2X	COIL	2.2uH K	
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	COIL	1uH K	
L1201	NQL092K-6R8X	COIL	6.8uH K	
L1203	NQL092K-1R0X	COIL	1uH K	
L1301	NQL092K-6R8X	COIL	6.8uH K	
L1303	NQL092K-1R0X	COIL	1uH K	
L1401	NQL092K-6R8X	COIL	6.8uH K	
L1403	NQL092K-1R0X	COIL	1uH K	
L1501	NQL092K-4R7X	COIL	4.7uH K	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L6101	NQR0413-003X	FERRITE BEADS		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L9001	NQL71EM-150X	COIL	15uH M	
L9002	NQL52EM-100X	COIL	10uH M	
L9201	NQL71EM-150X	COIL	15uH M	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINK	
K1001	NQR0489-002X	FERRITE BEADS		
K1002	NQR0489-002X	FERRITE BEADS		
K1003	NQR0489-002X	FERRITE BEADS		
K1004	NQR0489-002X	FERRITE BEADS		
K2104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2106	NQR0489-002X	FERRITE BEADS		
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K6101	NQR0413-003X	FERRITE BEADS		
K6102	NQR0413-003X	FERRITE BEADS		
K6103	NQR0413-003X	FERRITE BEADS		
K6104	NQR0413-003X	FERRITE BEADS		
K7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0510	NQR0498-001X	EMI FILTER		
LC0511	NQR0498-001X	EMI FILTER		
LC0512	NQR0498-001X	EMI FILTER		
LC0513	NQR0498-001X	EMI FILTER		
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3002	NAX0637-001X	CXO	74.1758MHz	
X4001	NAX0669-001X	C RESONATOR		
X7601	NAX0613-001X	C RESONATOR		

FRONT CONTROL P.W. BOARD ASS'Y (SFP-8501A-U2)

⚠Ref No.	Part No.	Part Name	Description	Local
Q1201	UN2212-X	DIGI TRANSISTOR		
Q1205	UN2110-X	DIGI TRANSISTOR		
Q1206	UN2110-X	DIGI TRANSISTOR		
Q1209	UN2212-X	DIGI TRANSISTOR		
D1101	MA8100/M/-X	Z DIODE		
D1102	MA8100/M/-X	Z DIODE		
D1103	MA8100/M/-X	Z DIODE		
D1104	MA8100/M/-X	Z DIODE		
D1105	MA8100/M/-X	Z DIODE		
D1201	SMLU12E16W-P	LED	POWER	
D1401	MA8100/M/-X	Z DIODE		
D1402	MA8100/M/-X	Z DIODE		
D1403	MA8100/M/-X	Z DIODE		
D1404	MA8100/M/-X	Z DIODE		
D1405	MA8100/M/-X	Z DIODE		
D1406	MA8100/M/-X	Z DIODE		
D1501	MA111-X	SI DIODE		
D1502	MA111-X	SI DIODE		
C1001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C1101	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C1102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1103	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C1104	NEH71HM-105X	E CAPACITOR	1uF 50V M	
C1105	NEH71HM-105X	E CAPACITOR	1uF 50V M	

⚠Ref No.	Part No.	Part Name	Description Local
C1106	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J
C1107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1002	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1101	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R1102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R1103	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R1104	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R1105	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R1201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1205	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1206	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1208	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1401	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R1402	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R1403	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R1404	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1405	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1411	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1412	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1413	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1414	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1415	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1416	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1424	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1501	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R1502	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R1503	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R1504	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R1505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
J1101	QNZ0438-001	AV JACK	INPUT4
J1401	QNZ0061-001	D CONNECTOR	PC INPUT
S1201	QSW0619-003Z	TACT SWITCH	POWER
S1501	QSW0619-003Z	TACT SWITCH	INPUT4
S1502	QSW0619-003Z	TACT SWITCH	INPUT3
S1503	QSW0619-003Z	TACT SWITCH	INPUT2
S1504	QSW0619-003Z	TACT SWITCH	INPUT1
S1505	QSW0619-003Z	TACT SWITCH	TV
	LC41896-001A	LED HOLDER	

AV JACK P.W. BOARD ASS'Y (SFP0J501A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
Q2051	UN2226-X	DIGI TRANSISTOR	
Q2052	UN2226-X	DIGI TRANSISTOR	
Q2055	UN2110-X	DIGI TRANSISTOR	
Q2201	DTC323TK-X	DIGI TRANSISTOR	
Q2203	DTC323TK-X	DIGI TRANSISTOR	
Q2204	DTC323TK-X	DIGI TRANSISTOR	
Q2205	2SA1037AK/QR/-X	TRANSISTOR	
D2001	MA8100/M/-X	Z DIODE	
D2002	MA8100/M/-X	Z DIODE	
D2003	MA8100/M/-X	Z DIODE	
D2004	MA8100/M/-X	Z DIODE	
D2005	MA8100/M/-X	Z DIODE	
D2006	MA8100/M/-X	Z DIODE	
D2007	MA8100/M/-X	Z DIODE	
D2008	MA8100/M/-X	Z DIODE	
D2009	MA8100/M/-X	Z DIODE	
D2010	MA8100/M/-X	Z DIODE	
D2011	MA8100/M/-X	Z DIODE	
D2012	MA8100/M/-X	Z DIODE	
D2013	MA8100/M/-X	Z DIODE	
D2014	MA8100/M/-X	Z DIODE	
D2015	MA8100/M/-X	Z DIODE	
D2016	MA8100/M/-X	Z DIODE	
D2017	MA8100/M/-X	Z DIODE	
D2053	MA8100/M/-X	Z DIODE	
D2054	MA8100/M/-X	Z DIODE	
D2201	MA8100/M/-X	Z DIODE	
D2202	MA8100/M/-X	Z DIODE	
D2203	MA8100/M/-X	Z DIODE	
D2205	MA8100/M/-X	Z DIODE	
D2206	MA8100/M/-X	Z DIODE	
D2207	MA8100/M/-X	Z DIODE	
D2208	MA8100/M/-X	Z DIODE	
C2001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C2002	NCB11AK-106X	C CAPACITOR	10uF 10V K
C2003	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J
C2004	NCB11AK-106X	C CAPACITOR	10uF 10V K
C2005	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2006	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2007	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C2008	NCB11AK-106X	C CAPACITOR	10uF 10V K
C2009	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J
C2010	NCB11AK-106X	C CAPACITOR	10uF 10V K
C2011	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2012	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2013	NCB11AK-106X	C CAPACITOR	10uF 10V K
C2014	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2015	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2051	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2052	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2055	NCB11CK-105X	C CAPACITOR	1uF 16V K
C2201	NCB11CK-105X	C CAPACITOR	1uF 16V K
C2202	NCB11CK-105X	C CAPACITOR	1uF 16V K
C2203	NCB11CK-105X	C CAPACITOR	1uF 16V K
C2204	NCB11CK-105X	C CAPACITOR	1uF 16V K
C2205	NCB11CK-105X	C CAPACITOR	1uF 16V K
C2206	NCB11CK-105X	C CAPACITOR	1uF 16V K
C2207	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2208	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2209	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2210	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2213	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2214	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
R2001	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2002	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2003	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2004	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2005	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2006	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2007	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2008	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2009	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2010	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2011	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2012	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2013	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2051	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2052	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R2053	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R2054	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R2055	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R2056	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R2057	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R2058	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R2059	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2060	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2061	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R2062	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R2065	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R2066	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R2069	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R2071	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R2201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2202	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2203	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2204	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2207	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2208	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2209	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2210	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2212	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R2213	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
R2214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2215	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R2216	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R2217	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R2218	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R2219	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R2220	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
J2001	QNZ0700-001	AV JACK	INPUT1,3
J2002	QNN0646-001	PIN JACK	INPUT1 COMP
J2003	QNN0644-001	PIN JACK	INPUT2
J2004	QNN0641-001	PIN JACK	INPUT2 COMP/CENTER CH.AUDIO IN
J2006	QNZ0699-001	AV JACK	MONI/REC OUT
J2007	QNN0645-001	PIN JACK	SUB WOOFER,AUDIO OUT

RECEIVER P.W. BOARD ASS'Y (SFP0F501A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC3101	CXA2205Q-X	IC		
IC3102	HA17558AF-X	IC		
IC3103	HA17558AF-X	IC		
IC3104	CD4066BNS-X	IC		
IC3105	HA17558AF-X	IC		
IC3106	TPS852-W	PHOTO CONDUCTOR		
Q3001	2SA1530A/QR/-X	TRANSISTOR		
Q3002	2SC3928A/QR/-X	TRANSISTOR		
Q3109	UN2212-X	DIGI TRANSISTOR		
Q3110	UN2212-X	DIGI TRANSISTOR		
Q3151	2SA1530A/QR/-X	TRANSISTOR		
Q3152	2SA1530A/QR/-X	TRANSISTOR		
C3001	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3002	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C3005	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3006	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3101	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3102	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3104	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3105	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3108	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3109	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3110	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3111	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3112	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C3113	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3114	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3117	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3118	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3119	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3120	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3121	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3122	NCB11AK-335X	C CAPACITOR	3.3uF 10V K	
C3123	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C3124	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C3125	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C3126	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3127	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C3128	NCB31HK-123X	C CAPACITOR	0.012uF 50V K	
C3129	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3130	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3131	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3132	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3133	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3134	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3135	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3136	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3138	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	
C3139	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3140	NCB31HK-183X	C CAPACITOR	0.018uF 50V K	
C3141	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3142	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3143	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3144	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3145	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3146	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3147	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3148	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3149	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3150	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C3151	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3155	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C3156	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C3157	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C3161	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3162	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3163	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R3001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R3003	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R3004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R3005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R3007	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3111	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3112	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3113	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3114	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3115	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3116	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3119	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	
R3122	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R3123	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J	
R3125	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3126	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R3127	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R3128	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R3129	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R3131	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R3132	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R3133	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3139	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3140	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3141	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3142	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3143	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3144	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R3145	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3146	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3150	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3152	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3153	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3156	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3158	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R3159	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R3160	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3161	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3162	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3163	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R3164	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3165	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R3166	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3176	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3191	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
L3001	NQL79GM-100X	COIL	10uH M	
L3002	NQL79GM-100X	COIL	10uH M	
TU3001	QAU0378-001	TUNER		

SYSTEM POWER P.W. BOARD ASS'Y (SFP-9511A-M2)

⚠	Ref No.	Part No.	Part Name	Description	Local
	IC9001	STR-W6765-F5	IC		
	Q9001	2SC3928A/QR/-X	TRANSISTOR		
	Q9002	2SC3928A/QR/-X	TRANSISTOR		
	Q9003	2SC3928A/QR/-X	TRANSISTOR		
	Q9004	2SA1530A/QR/-X	TRANSISTOR		
	Q9351	2SD1266A/QP/	POW TRANSISTOR		
	Q9352	UN2213-X	DIGI TRANSISTOR		
	Q9353	UN2213-X	DIGI TRANSISTOR		
⚠	D9001	RGP10J-5025-T3	SI DIODE		
	D9002	RD33E/B1/-T2	Z DIODE		
	D9003	MA111-X	SI DIODE		
⚠	D9004	D2SBA60	BRIDGE DIODE		
	D9007	RGP10J-5025-T3	SI DIODE		
	D9008	D1FL20U-X	SI DIODE		
	D9010	SARS01-T2	SI DIODE		
	D9011	SARS01-T2	SI DIODE		
	D9012	MA111-X	SI DIODE		
	D9013	MA111-X	SI DIODE		
	D9014	RGP10J-5025-T3	SI DIODE		
	D9015	FMX-22S	SI DIODE		
	D9016	RGP10J-5025-T3	SI DIODE		
	D9017	UTCTL431-T	IC		
	D9018	RD33E/B1/-T2	Z DIODE		
	D9019	MA111-X	SI DIODE		
	D9021	MA8024-X	Z DIODE		
	D9211	S1WB/A/60-X	BRIDGE DIODE		
	D9212	MA8091/L/-X	Z DIODE		
	D9351	1N4002G-T2	SI DIODE		
	D9352	MA8091/L/-X	Z DIODE		
	D9353	MA8024-X	Z DIODE		
	D9354	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	

⚠	Ref No.	Part No.	Part Name	Description	Local
	D9355	MA111-X	SI DIODE		
⚠	C9001	QFZ9072-224	MM CAPACITOR	0.22uF AC250V K	
⚠	C9003	QCZ9079-471	C CAPACITOR	470pF AC250V K	
⚠	C9005	QCZ9079-471	C CAPACITOR	470pF AC250V K	
⚠	C9006	QFZ9072-224	MM CAPACITOR	0.22uF AC250V K	
	C9007	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
	C9008	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
	C9011	QCZ0340-821	C CAPACITOR	820pF 2kV K	
	C9012	QEHR1HM-226Z	E CAPACITOR	22uF 50V M	
	C9014	QEZ0199-127	E CAPACITOR	120uF 400V M	
	C9016	QFP32JK-332	PP CAPACITOR	3300pF 630V K	
	C9018	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
	C9019	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
⚠	C9021	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
	C9024	QEHR2AM-226Z	E CAPACITOR	22uF 100V M	
	C9028	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
	C9029	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
	C9030	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
	C9031	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M	
	C9033	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
	C9034	QEHR1EM-477Z	E CAPACITOR	470uF 25V M	
	C9035	QEHR1EM-107Z	E CAPACITOR	100uF 25V M	
	C9036	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
	C9037	QEHR1HM-226Z	E CAPACITOR	22uF 50V M	
	C9210	QEHR1CM-107Z	E CAPACITOR	100uF 16V M	
	C9351	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
	C9352	QEHR1CM-227Z	E CAPACITOR	220uF 16V M	
⚠	R9001	QRK129J-105	UNF C RESISTOR	1MΩ 1/2W J	
	R9003	QRX01GJ-R39	MF RESISTOR	0.39Ω 1W J	
	R9004	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J	
	R9005	QRG01GJ-473	OMF RESISTOR	47kΩ 1W J	
	R9008	QRF074K-3R3	UNF WW RESISTOR	3.3Ω 7W K	
	R9010	NRS12BJ-122W	MG RESISTOR	1.2kΩ 1/2W J	
	R9011	QRE121J-564Y	C RESISTOR	560kΩ 1/2W J	
	R9012	QRL039J-220	OMF RESISTOR	22Ω 3W J	
⚠	R9013	QRZ9017-220	FUSI RESISTOR	22Ω 1/4W J	
	R9014	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
	R9015	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
⚠	R9016	QRZ0107-685Z	C RESISTOR	6.8MΩ 1/2W K	
	R9017	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
	R9018	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
	R9019	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
	R9020	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
	R9023	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
	R9024	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
	R9025	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
	R9027	QRL029J-152	OMF RESISTOR	1.5kΩ 2W J	
	R9028	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
	R9029	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
	R9030	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
	R9031	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
	R9032	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
	R9033	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
	R9034	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
	R9035	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
	R9037	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
	R9038	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
	R9039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
	R9202	NRS12BJ-333W	MG RESISTOR	33kΩ 1/2W J	
	R9203	NRS12BJ-333W	MG RESISTOR	33kΩ 1/2W J	
	R9206	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
	R9209	NRS12BJ-333W	MG RESISTOR	33kΩ 1/2W J	
	R9313	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
	R9351	QRE121J-681Y	C RESISTOR	680Ω 1/2W J	
	R9352	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
	L9001	QQLZ026-260	COIL	26uH ±7%	
	L9002	QQL26AK-220Z	CHOKE COIL	22uH K	
⚠	T9001	QQS0254-001	SW TRANSF		
⚠	PC9001	PS2581AL1/QW/	PHOTO COUPLER		
⚠	PC9201	PS2581AL1/QW/	PHOTO COUPLER		
⚠	CP9001	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠	CP9002	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠	CP9005	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠	F9001	QMF51D2-2R5-J1	FUSE	2.5A AC250V	
	K9008	QQR1139-001	FERRITE BEADS		
⚠	LF9001	QQR1084-002	LINE FILTER		
⚠	LF9002	QQR1084-002	LINE FILTER		
⚠	RY9001	QSK0119-001	RELAY		
⚠	VA9001	QAF0060-621	VARISTOR	620V	
⚠	VA9002	QAF0027-271	VARISTOR	270V	

REGULATOR P.W. BOARD ASS'Y (SFP-9507A-M2)

⚠	Ref No.	Part No.	Part Name	Description	Local
	IC9401	MP1580HS-X	IC		
	IC9421	MP1580HS-X	IC		
	IC9621	MP1580HS-X	IC		
	IC9801	M62320FP-X	IC		
	Q9211	2SB1188/QR/-W	TRANSISTOR		
	Q9212	UN2213-X	DIGI TRANSISTOR		
	Q9822	2SC3928A/QR/-X	TRANSISTOR		
	D9401	EC30HA03L-X	SB DIODE		
	D9403	PTZ11B-X	Z DIODE		
	D9421	EC30HA03L-X	SB DIODE		
	D9423	PTZ3.9B-X	Z DIODE		
	D9424	1SS133-T2	SI DIODE		
	D9621	EC30HA03L-X	SB DIODE		
	D9622	PTZ6.8B-X	Z DIODE		
	D9822	MA8051/M/-X	Z DIODE		
	D9823	MA111-X	SI DIODE		
	C9402	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
	C9404	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
	C9405	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
	C9407	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
	C9408	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
	C9422	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
	C9424	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
	C9425	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
	C9427	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
	C9428	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
	C9431	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
	C9622	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
	C9624	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
	C9625	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
	C9627	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
	C9801	NCB11CK-105X	C CAPACITOR	1uF 16V K	
	C9802	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
	C9803	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
	C9821	NCB11CK-105X	C CAPACITOR	1uF 16V K	
	R9218	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
	R9219	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
	R9220	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
	R9231	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
	R9401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
	R9402	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
	R9403	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
	R9404	NRSA63D-104X	MG RESISTOR	100kΩ 1/16W D	
	R9405	NRSA63D-184X	MG RESISTOR	180kΩ 1/16W D	
	R9406	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
	R9407	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
	R9408	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
	R9421	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
	R9423	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J	
	R9424	NRSA63D-123X	MG RESISTOR	12kΩ 1/16W D	
	R9425	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	
	R9426	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
	R9427	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
	R9428	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
	R9429	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
	R9621	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
	R9622	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
	R9623	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
	R9624	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D	
	R9625	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J	
	R9626	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
	R9627	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
	R9628	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
	R9629	NRSA02J-471X	MG RESISTOR	470Ω 1/10W J	
	R9805	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
	R9806	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
	R9807	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
	R9809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
	R9824	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
	R9825	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
	R9826	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
	R9827	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
	L9402	NQL71EM-150X	COIL	15uH M	
	L9422	NQL71EM-150X	COIL	15uH M	
	L9621	NQL71EM-150X	COIL	15uH M	

ANALOG SIGNAL P.W. BOARD ASS'Y (SFP0A501A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC201	TA1370FG-X	IC	
IC202	SN74AHC1G08V-X	IC	
IC203	CD74HC4053PW-X	IC	
IC301	AN15852A	IC	80pin
IC501	CXA2069Q	IC	
IC502	MM1510XN-X	IC	
IC503	MM1510XN-X	IC	
IC504	MM1510XN-X	IC	
IC611	BA4558F-X	IC	
IC612	RC4558D-X	IC	
IC711	CXA1875AM-X	IC	
IC801	TB1274AF	IC	
IC802	TC90A69AF-X	IC	
IC803	BA05FP-X	IC	
IC902	TA48M033F-X	IC	
Q307	2SA1530A/QR/-X	TRANSISTOR	
Q402	2SK1374-X	MOS FET	
Q403	2SK1374-X	MOS FET	
Q404	2SK1374-X	MOS FET	
Q405	2SK1374-X	MOS FET	
Q507	2SA1530A/QR/-X	TRANSISTOR	
Q508	2SA1530A/QR/-X	TRANSISTOR	
Q509	2SA1530A/QR/-X	TRANSISTOR	
Q801	2SA1530A/QR/-X	TRANSISTOR	
Q802	2SA1530A/QR/-X	TRANSISTOR	
Q810	2SA1530A/QR/-X	TRANSISTOR	
Q851	2SA1530A/QR/-X	TRANSISTOR	
Q853	2SC3928A/QR/-X	TRANSISTOR	
Q854	2SC3928A/QR/-X	TRANSISTOR	
Q855	2SA1530A/QR/-X	TRANSISTOR	
Q858	2SC3928A/QR/-X	TRANSISTOR	
Q859	2SA1530A/QR/-X	TRANSISTOR	
Q862	2SC3928A/QR/-X	TRANSISTOR	
Q863	2SC3928A/QR/-X	TRANSISTOR	
Q901	2SC3074/OY/-X	TRANSISTOR	
QB613	2SC3928A/QR/-X	TRANSISTOR	
QB614	2SA1530A/QR/-X	TRANSISTOR	
D501	MA8100/M/-X	Z DIODE	
D903	PTZ11B-X	Z DIODE	
D904	PTZ6.8B-X	Z DIODE	
DB201	MA8033-X	Z DIODE	
DB601	MA111-X	SI DIODE	
DB602	MA111-X	SI DIODE	
DB603	MA111-X	SI DIODE	
DB605	MA111-X	SI DIODE	
DB606	MA111-X	SI DIODE	
DB701	MA8051/M/-X	Z DIODE	
C201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C202	NEH71HM-225X	E CAPACITOR	2.2uF 50V M
C203	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C204	NEZ0022-157X	E CAPACITOR	150uF 10V M
C205	NEH71HM-105X	E CAPACITOR	1uF 50V M
C206	NCB11CK-105X	C CAPACITOR	1uF 16V K
C207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C208	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C302	NEH71CM-476X	E CAPACITOR	47uF 16V M
C306	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C307	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C308	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C319	NEH71CM-476X	E CAPACITOR	47uF 16V M
C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C321	NEH71CM-106X	E CAPACITOR	10uF 16V M
C322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C323	NEH71CM-476X	E CAPACITOR	47uF 16V M
C324	NCB11CK-105X	C CAPACITOR	1uF 16V K
C325	NCB11CK-105X	C CAPACITOR	1uF 16V K
C326	NCB11CK-105X	C CAPACITOR	1uF 16V K
C327	NCB11CK-105X	C CAPACITOR	1uF 16V K
C328	NCB11CK-105X	C CAPACITOR	1uF 16V K
C329	NCB11CK-105X	C CAPACITOR	1uF 16V K
C330	NCB11CK-105X	C CAPACITOR	1uF 16V K
C339	NCB11CK-105X	C CAPACITOR	1uF 16V K
C340	NCB11CK-105X	C CAPACITOR	1uF 16V K
C341	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C342	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C343	NCB11CK-105X	C CAPACITOR	1uF 16V K
C346	NCB11CK-105X	C CAPACITOR	1uF 16V K
C349	NEN51EM-106X	BP E CAPACITOR	10uF 25V M
C355	NCB11CK-105X	C CAPACITOR	1uF 16V K
C356	NCB11CK-105X	C CAPACITOR	1uF 16V K
C357	NCB11CK-105X	C CAPACITOR	1uF 16V K

⚠Ref No.	Part No.	Part Name	Description Local
C403	NEH71CM-476X	E CAPACITOR	47uF 16V M
C404	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C405	NCB11CK-475X	C CAPACITOR	4.7uF 16V K
C406	NCB11CK-475X	C CAPACITOR	4.7uF 16V K
C501	NEH71CM-476X	E CAPACITOR	47uF 16V M
C502	NEH71CM-476X	E CAPACITOR	47uF 16V M
C503	NEN51EM-106X	BP E CAPACITOR	10uF 25V M
C505	NEN51EM-106X	BP E CAPACITOR	10uF 25V M
C506	NDC31HJ-270X	C CAPACITOR	27pF 50V J
C515	NCB11CK-105X	C CAPACITOR	1uF 16V K
C516	NEH71CM-106X	E CAPACITOR	10uF 16V M
C517	NEH71AM-107X	E CAPACITOR	100uF 10V M
C519	NEH71HM-106X	E CAPACITOR	10uF 50V M
C520	NCB11CK-105X	C CAPACITOR	1uF 16V K
C521	NEH71CM-106X	E CAPACITOR	10uF 16V M
C522	NEH71AM-107X	E CAPACITOR	100uF 10V M
C523	NEH71CM-106X	E CAPACITOR	10uF 16V M
C524	NCB11CK-105X	C CAPACITOR	1uF 16V K
C525	NEH71CM-106X	E CAPACITOR	10uF 16V M
C526	NEH71AM-107X	E CAPACITOR	100uF 10V M
C527	NEH71CM-106X	E CAPACITOR	10uF 16V M
C601	NEN51HM-474X	BP E CAPACITOR	0.47uF 50V M
C602	NEN51HM-474X	BP E CAPACITOR	0.47uF 50V M
C603	NEH71CM-106X	E CAPACITOR	10uF 16V M
C604	NEH71CM-106X	E CAPACITOR	10uF 16V M
C605	NEH71CM-476X	E CAPACITOR	47uF 16V M
C606	NEH71CM-476X	E CAPACITOR	47uF 16V M
C607	NEH71CM-106X	E CAPACITOR	10uF 16V M
C608	NEH71CM-106X	E CAPACITOR	10uF 16V M
C711	NEH71CM-106X	E CAPACITOR	10uF 16V M
C712	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C801	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C802	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C803	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C804	NEH71CM-476X	E CAPACITOR	47uF 16V M
C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C807	NEH71CM-476X	E CAPACITOR	47uF 16V M
C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C813	NEH71CM-476X	E CAPACITOR	47uF 16V M
C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C818	NEH71HM-106X	E CAPACITOR	10uF 50V M
C819	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J
C820	NCB31AK-474X	C CAPACITOR	0.47uF 10V K
C821	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C822	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C823	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C825	NDC31HJ-180X	C CAPACITOR	18pF 50V J
C826	NEH71EM-226X	E CAPACITOR	22uF 25V M
C827	NEH70JM-107X	E CAPACITOR	100uF 6.3V M
C828	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C835	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C850	NDC31HJ-180X	C CAPACITOR	18pF 50V J
C851	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C852	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C853	NEH71CM-476X	E CAPACITOR	47uF 16V M
C854	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V K
C860	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C861	NDC31HJ-681X	C CAPACITOR	680pF 50V J
C862	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C865	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C868	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C869	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C872	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C876	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C877	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C878	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C879	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C880	NEH71AM-107X	E CAPACITOR	100uF 10V M
C881	NEH71AM-107X	E CAPACITOR	100uF 10V M
C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C884	NEH71AM-107X	E CAPACITOR	100uF 10V M

⚠Ref No.	Part No.	Part Name	Description Local
C885	NEH71AM-107X	E CAPACITOR	100uF 10V M
C886	NEH71HM-106X	E CAPACITOR	10uF 50V M
C887	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C888	NEH71AM-107X	E CAPACITOR	100uF 10V M
C889	NEH71HM-106X	E CAPACITOR	10uF 50V M
C890	NEH71HM-106X	E CAPACITOR	10uF 50V M
C891	NEH71CM-476X	E CAPACITOR	47uF 16V M
C892	NDC31HJ-180X	C CAPACITOR	18pF 50V J
C894	NDC31HJ-180X	C CAPACITOR	18pF 50V J
C895	NDC31HJ-680X	C CAPACITOR	68pF 50V J
C904	NCB11AK-106X	C CAPACITOR	10uF 10V K
C905	NEH91CM-476X	E CAPACITOR	47uF 16V M
C911	NEX51CM-335X	E CAPACITOR	3.3uF 16V M
C912	NEH71CM-476X	E CAPACITOR	47uF 16V M
C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M
C916	NEX50JM-156X	E CAPACITOR	15uF 6.3V M
CB613	NEH71CM-106X	E CAPACITOR	10uF 16V M
CB614	NEH71CM-476X	E CAPACITOR	47uF 16V M
R201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R203	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R204	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R208	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R211	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R212	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R213	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R214	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R220	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R304	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R305	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R317	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R318	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R321	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R322	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R323	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R327	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R328	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R334	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R335	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R336	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R372	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R373	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R375	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R382	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R383	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R385	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R392	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R393	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R395	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R401	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R403	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R405	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R502	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R504	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R506	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R509	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R510	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R511	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R513	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R514	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R516	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R517	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R518	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R521	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R527	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R528	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R529	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R530	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R531	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R532	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R533	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R538	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R540	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R573	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R574	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R575	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R576	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R577	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R578	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R579	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R580	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R581	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R601	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R603	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R604	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R606	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R607	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R608	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R612	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R614	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R615	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R616	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R617	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R618	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R619	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R620	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R669	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R670	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R712	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R718	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R719	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R720	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R801	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R802	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R803	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R804	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R805	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R807	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J
R808	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R816	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R817	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R818	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R819	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R839	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R840	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R851	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R852	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R853	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R854	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R855	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R856	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R859	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R860	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R861	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R862	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R863	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R864	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R865	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R867	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R869	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R873	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R874	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R876	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R877	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R879	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R883	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R884	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R885	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R886	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R887	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description	Local
R888	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R889	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R893	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R907	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R917	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB203	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
RB401	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
RB402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
RB502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB503	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB617	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB618	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
RB619	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
RB620	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
RB621	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB623	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB624	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L201	NQL034K-101X	CHIP P COIL	100uH K	
L807	NQR0413-003X	FERRITE BEADS		
L808	NQR0413-003X	FERRITE BEADS		
L809	NQR0413-003X	FERRITE BEADS		
L851	NQL092K-6R8X	COIL	6.8uH K	
L852	NQL092K-6R8X	COIL	6.8uH K	
L853	NQL092K-6R8X	COIL	6.8uH K	
L854	NQL092M-270X	CHIP P COIL	27uH M	
L855	NQL024J-560X	CHIP P COIL	56uH J	
L861	NQL914K-220X	COIL	22uH K	
L862	NQL914K-101X	COIL	100uH K	
L863	NQL914K-101X	COIL	100uH K	
L864	NQL914K-101X	COIL	100uH K	
L865	NQL914K-220X	COIL	22uH K	
L866	NQL914K-220X	COIL	22uH K	
L867	NQL914K-220X	COIL	22uH K	
L901	NQL52EM-220X	COIL	22uH M	
L902	NQL52EM-220X	COIL	22uH M	
L904	NQL52EM-220X	COIL	22uH M	
X201	CSB503F30-T2	C RESONATOR		
X801	NAX0621-001X	CRYSTAL	16.200MHz	

SD CARD P.W. BOARD ASS'Y (SFP-8505A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1001	W81386D-G	IC		
C1001	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C1002	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1003	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C1004	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C1005	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C1006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C1007	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1008	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C1009	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C1010	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C1011	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1012	NEH71CM-106X	E CAPACITOR	10uF 16V M	
R1001	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1003	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1004	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1008	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1011	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1012	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1014	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1027	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	
RA1001	NRZ0040-473X	NET RESISTOR	47kΩ 1/16W J x4	
RA1002	NRZ0040-473X	NET RESISTOR	47kΩ 1/16W J x4	
L1001	NQR0506-001X	EMI FILTER		
JK1001	NNZ0058-001X	SD CARD CONNECTOR		

⚠Ref No.	Part No.	Part Name	Description	Local
LC1001	NQR0415-001X	EMI FILTER	1uF 10V M	
X1001	NAX0644-001X	CRYSTAL	6.000000MHz	

ATSC TUNER MODULE (SSD-2101A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
⚠	SSD-2101A-M2	ATSC TUNER MODULE		

PRINTED WIRING BOARD PARTS LIST [TU-50X795/Z]

DIGITAL SIGNAL P.W. BOARD ASS'Y (SFP0D501A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC	100pin	
IC1002	MM1572FN-X	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC	438pin	
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	HY5DU283222AQ-5	IC	100pin	
IC3502	HY5DU283222AQ-5	IC	100pin	
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC	208pin	
IC4003	AT29LV01-42X795	IC	(SERVICE)	
IC4004	ATE256-50X7952	IC	(SERVICE)	
IC4005	SN74LVC1G08V-X	IC		
IC6003	MAX3221CDB-X	IC		
IC6101	SII170BCL64	IC		
IC6103	IC-PST575M/J/-X	IC		
IC7001	MN102H60KPD	IC(MCU)	100pin	
IC7002	ATE256-50X7951	IC	(SERVICE)	
IC7401	S-80828CLNB-W	IC		
IC7601	M306V7FG-089FP	IC(MCU)	100pin	
IC7602	ATE32-50X795	IC	(SERVICE)	
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC7609	SN74AHCT1G08V-X	IC		
IC9001	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q6001	2SC3928A/QR/-X	TRANSISTOR		
Q6101	2SK1374-X	MOS FET		
Q6102	2SK1374-X	MOS FET		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D2101	MA111-X	SI DIODE		
D6001	1SS355-X	SI DIODE		
D6002	1SS355-X	SI DIODE		
D6003	1SS355-X	SI DIODE		
D6004	MA111-X	SI DIODE		
D6103	BAV99L-X	SI DIODE		
D6104	BAV99L-X	SI DIODE		
D6105	BAV99L-X	SI DIODE		
D6106	BAV99L-X	SI DIODE		
D6107	BAV99L-X	SI DIODE		
D6108	BAV99L-X	SI DIODE		
D6109	BAV99L-X	SI DIODE		
D6110	BAV99L-X	SI DIODE		
D6111	BAV99L-X	SI DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	MA111-X	SI DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7204	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-330X	C CAPACITOR	33pF	50V J
C0105	NDC31HJ-270X	C CAPACITOR	27pF	50V J
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF	16V Z
C0109	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0110	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0111	NDC31HJ-820X	C CAPACITOR	82pF	50V J
C0112	NDC31HJ-820X	C CAPACITOR	82pF	50V J
C0113	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF	16V Z
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF	16V Z
C0116	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0117	NDC31HJ-560X	C CAPACITOR	56pF	50V J
C0203	NDC31HJ-330X	C CAPACITOR	33pF	50V J
C0205	NDC31HJ-270X	C CAPACITOR	27pF	50V J
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF	16V Z
C0209	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0210	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0211	NDC31HJ-820X	C CAPACITOR	82pF	50V J
C0212	NDC31HJ-820X	C CAPACITOR	82pF	50V J
C0213	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF	16V Z
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF	16V Z
C0217	NDC31HJ-560X	C CAPACITOR	56pF	50V J
C0303	NDC31HJ-330X	C CAPACITOR	33pF	50V J
C0305	NDC31HJ-270X	C CAPACITOR	27pF	50V J
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF	16V Z
C0309	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0310	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0311	NDC31HJ-820X	C CAPACITOR	82pF	50V J
C0312	NDC31HJ-820X	C CAPACITOR	82pF	50V J
C0313	NCB11AK-106X	C CAPACITOR	10uF	10V K
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF	16V Z
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF	16V Z
C0317	NDC31HJ-560X	C CAPACITOR	56pF	50V J
C0401	NCB31CK-104X	C CAPACITOR	0.1uF	16V K
C0519	NDC31HJ-560X	C CAPACITOR	56pF	50V J
C1001	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C1003	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C1004	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C1005	NCB31HK-152X	C CAPACITOR	1500pF	50V K
C1006	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C1008	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C1009	NDC31HJ-220X	C CAPACITOR	22pF	50V J
C1010	NDC31HJ-180X	C CAPACITOR	18pF	50V J
C1011	NDC31HJ-102X	C CAPACITOR	1000pF	50V J
C1012	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C1013	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C1014	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C1015	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C1016	NCB11AK-106X	C CAPACITOR	10uF	10V K
C1017	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C1018	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C1019	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C1021	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C1023	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C1025	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C1026	NCB31HK-103X	C CAPACITOR	0.01uF	50V K
C1028	NCB31HK-103X	C CAPACITOR	0.01uF	50V K

⚠Ref No.	Part No.	Part Name	Description Local
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1034	NDC31HJ-390X	C CAPACITOR	39pF 50V J
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C1064	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
C2101	NCB21HK-104X	C CAPACITOR	0.1uF 50V K
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3037	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C6013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6014	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6017	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6020	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6102	NCB11AK-106X	C CAPACITOR	10uF 10V K
C6105	NCF41CZ-106X	C CAPACITOR	10uF 16V Z
C6106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6107	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C6108	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6109	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C6111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6112	NCF41CZ-106X	C CAPACITOR	10uF 16V Z
C6113	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6115	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C6116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6117	NCF41CZ-106X	C CAPACITOR	10uF 16V Z
C6119	NCF41CZ-106X	C CAPACITOR	10uF 16V Z
C6120	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6122	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C6128	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6129	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K

⚠Ref No.	Part No.	Part Name	Description Local
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C7011	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C7012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C7203	NCB31CK-473X	C CAPACITOR	0.047uF 16V K
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7614	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C7615	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K
C7617	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C9008	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C9010	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C9110	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C9209	NEZ0022-157X	E CAPACITOR	150uF 10V M
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0109	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1010	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R1011	NQL093K-R10X	COIL	0.1uH K
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2027	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R2028	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R2056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2103	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R2104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2105	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2121	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2123	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R3122	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R4051	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4053	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6022	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6034	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R6035	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6044	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6045	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6047	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6048	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R6049	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6050	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6051	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6052	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6104	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R6106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6108	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6111	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6112	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6114	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R6115	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6116	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6117	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6118	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6119	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R6120	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R6124	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R6125	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R6126	NDC31HJ-220X	C CAPACITOR	22pF 50V J
R6127	NDC31HJ-220X	C CAPACITOR	22pF 50V J
R6128	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R6129	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R6130	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R6131	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J
R6132	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6134	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7030	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7032	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7058	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R7059	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R7063	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7077	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R7609	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7614	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D
R9004	NRSA63D-154X	MG RESISTOR	150kΩ 1/16W D
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R9008	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R9111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9208	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
RA2012	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
RA2013	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
RA4001	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4002	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4003	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4004	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4005	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA4006	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0101	NQL092K-2R2X	COIL	2.2uH K
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L0201	NQL092K-2R2X	COIL	2.2uH K
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L0301	NQL092K-2R2X	COIL	2.2uH K
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1008	NQL79GM-220X	COIL	22uH M
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1011	NQL79GM-470X	COIL	47uH M
L1101	NQL092K-6R8X	COIL	6.8uH K
L1102	NQR0489-002X	FERRITE BEADS	
L1103	NQL092K-1R0X	COIL	1uH K
L1201	NQL092K-6R8X	COIL	6.8uH K
L1203	NQL092K-1R0X	COIL	1uH K
L1301	NQL092K-6R8X	COIL	6.8uH K
L1303	NQL092K-1R0X	COIL	1uH K
L1401	NQL092K-6R8X	COIL	6.8uH K
L1403	NQL092K-1R0X	COIL	1uH K
L1501	NQL092K-4R7X	COIL	4.7uH K
L3001	NQR0489-002X	FERRITE BEADS	

⚠Ref No.	Part No.	Part Name	Description Local
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L3007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L3501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L4001	NQR0413-003X	FERRITE BEADS	
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L6101	NQR0413-003X	FERRITE BEADS	
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L9001	NQL71EM-150X	COIL	15uH M
L9002	NQL52EM-100X	COIL	10uH M
L9201	NQL71EM-150X	COIL	15uH M
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN
J7001	QNS0001-001	3.5 JACK	AV COMPULINK
K1001	NQR0489-002X	FERRITE BEADS	
K1002	NQR0489-002X	FERRITE BEADS	
K1003	NQR0489-002X	FERRITE BEADS	
K1004	NQR0489-002X	FERRITE BEADS	
K2104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K2106	NQR0489-002X	FERRITE BEADS	
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K6101	NQR0413-003X	FERRITE BEADS	
K6102	NQR0413-003X	FERRITE BEADS	
K6103	NQR0413-003X	FERRITE BEADS	
K6104	NQR0413-003X	FERRITE BEADS	
K7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z
LC0510	NQR0498-001X	EMI FILTER	
LC0511	NQR0498-001X	EMI FILTER	
LC0512	NQR0498-001X	EMI FILTER	
LC0513	NQR0498-001X	EMI FILTER	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M
SL7001	NAX0613-001X	C RESONATOR	
X1001	NAX0642-001X	CRYSTAL	
X3001	NAX0635-001X	CXO	
X3002	NAX0637-001X	CXO	74.1758MHz
X4001	NAX0669-001X	C RESONATOR	
X7601	NAX0613-001X	C RESONATOR	

FRONT CONTROL P.W. BOARD ASS'Y (SFP-8501A-U2)

REFER TO PARTS LIST IN PAGE 3-34 FOR THIS P.W. BOARD.

AV JACK P.W. BOARD ASS'Y (SFP0J501A-M2)

REFER TO PARTS LIST IN PAGE 3-35 FOR THIS P.W. BOARD.

RECEIVER P.W. BOARD ASS'Y (SFP0F501A-M2)

REFER TO PARTS LIST IN PAGE 3-36 FOR THIS P.W. BOARD.

SYSTEM POWER P.W. BOARD ASS'Y (SFP-9511A-M2)

REFER TO PARTS LIST IN PAGE 3-36 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (SFP-9507A-M2)

REFER TO PARTS LIST IN PAGE 3-37 FOR THIS P.W. BOARD.

ANALOG SIGNAL P.W. BOARD ASS'Y (SFP0A501A-M2)

REFER TO PARTS LIST IN PAGE 3-38 FOR THIS P.W. BOARD.

SD CARD P.W. BOARD ASS'Y (SFP-8505A-M2)

REFER TO PARTS LIST IN PAGE 3-40 FOR THIS P.W. BOARD.

ATSC TUNER MODULE (SSD-2101A-M2)

REFER TO PARTS LIST IN PAGE 3-40 FOR THIS P.W. BOARD.

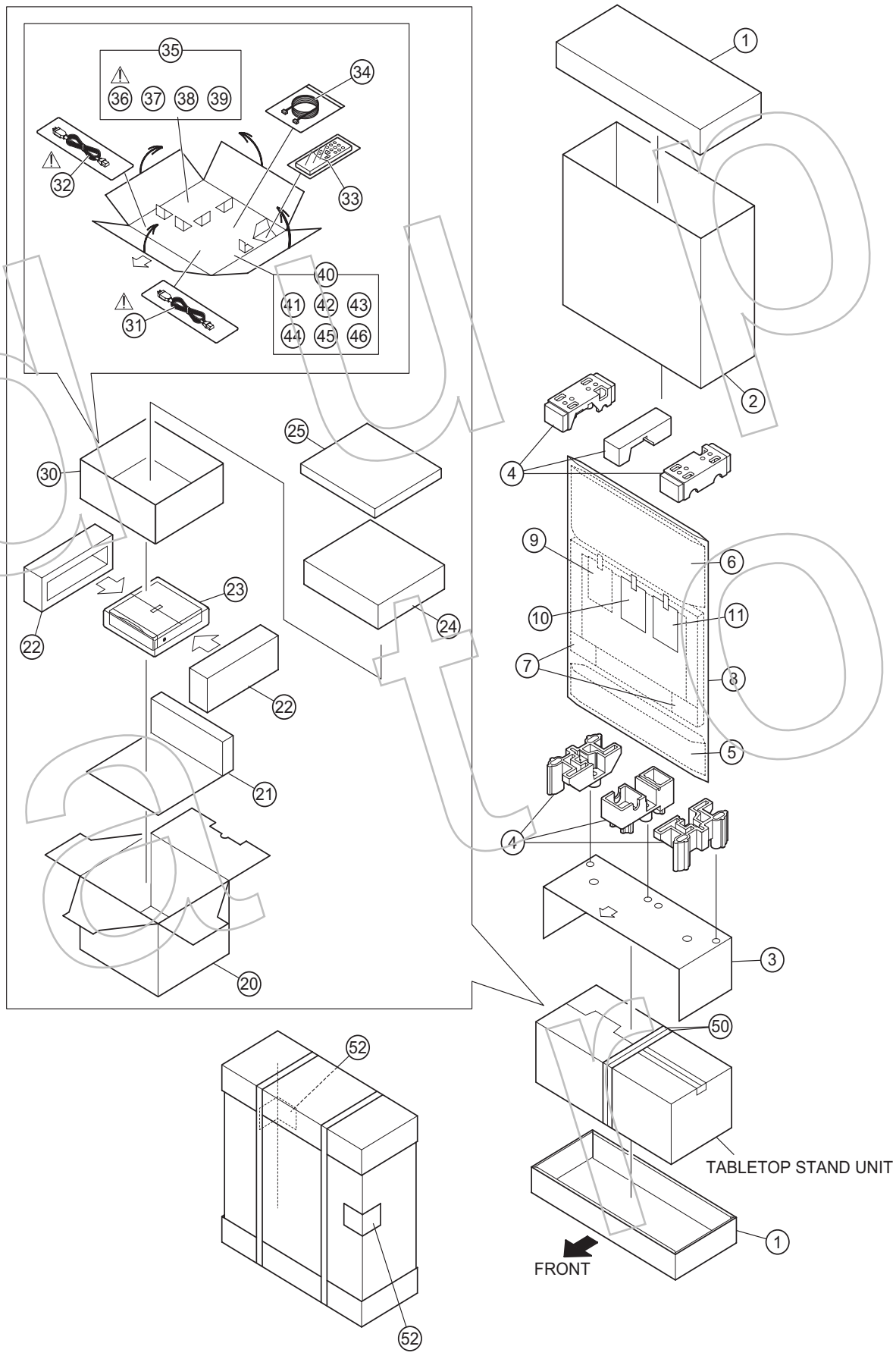
REMOTE CONTROL UNIT PARTS LIST (RM-C14G-1H)

⚠	Ref No.	Part No.	Part Name	Description	Local
		UR77EC1403A	BATTERY COVER		

PACKING PARTS LIST

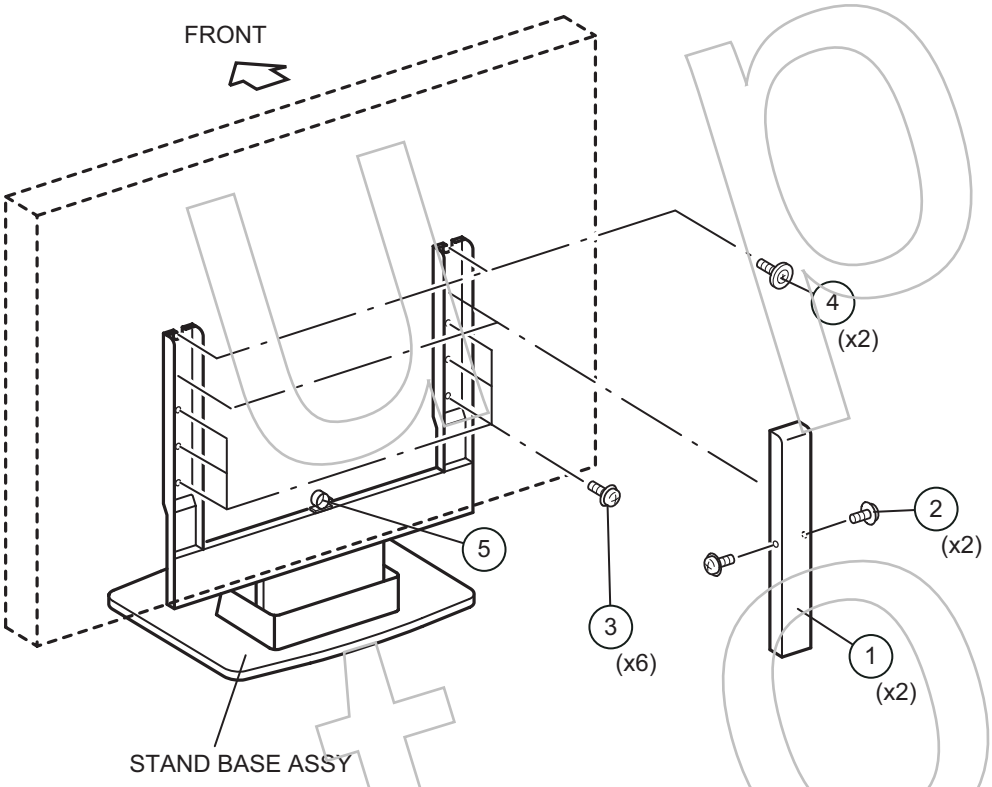
⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC21528-001A-A	TOP/BOTTOM PAD	(x2)	PD-42X795/S
	1	LC21790-001A-A	TOP BOTTOM PAD	(x2)	PD-50X795/Z
	2	LC21536-001A-A	CARTON SLEEVE		PD-42X795/S
	2	LC21628-001A-A	CARTON SLEEVE		PD-50X795/Z
	3	LC21527-001A-A	LAYER PAD		PD-42X795/S
	3	LC21694-001A-A	LAYER PAD		PD-50X795/Z
	4	LC11855-001A-A	CUSHION ASS'Y	6pcs in 1set	PD-42X795/S
	4	LC11978-001A-A	CUSHION ASS'Y	6pcs in 1set	PD-50X795/Z
	5	LC41035-003A	POLY BAG		PD-42X795/S
	5	LC41035-006A	POLY BAG		PD-50X795/Z
	6	LC41035-005A	POLY BAG		PD-42X795/S
	6	LC41035-004A	POLY BAG		PD-50X795/Z
	7	LC32526-001A	PROTECT SHEET	(x2)	PD-42X795/S
	8	LC30236-005A	POLY BAG		
	9	LCT1542-002A-A	CAUTION SHEET		
	10	GQ40052-001A-A	CONTROL SHEET		
	11	LC41750-001A	INST SHEET		
	20	LC32612-001A-A	RECEIVER BOX		
	21	LC32868-001A-A	SPACER		
	22	LC12041-001A-A	CUSHION ASS'Y	2pcs in 1set	
	23	PQM30021-93	POLY BAG		
	24	LC32736-001A-A	SEPARATOR		
	25	LC32608-001A-A	SEPARATOR		
	30	LC32735-001A-A	ACC DIVIDER		
⚠	31	QMPE280-180-JW	POWER CORD(US/CA)	1.8m BLACK	
⚠	32	QMPE280-180-JW	POWER CORD(US/CA)	1.8m BLACK	
	33	RM-C14G-1H	REMOCON		
	34	QAM0585-001	PDP I/F CABLE	3m	
	35	QPA02503505P	POLY BAG	25cm x 35cm	
⚠	36	LCT1648-001A-A	INST BOOK	English	
	37	LCT1757-001A-A	CAUTION BOOK	English, French	
	38	LC42105-001A	CABLE CARD LABEL		
	39	BT-51034-2Q	REGIST. CARD		
	40	QPA01203005	POLY BAG	12cm x 30cm	
	41	LC41320-001A	NYRON CLUMP	Hook(x2)	PD-50X795/Z
	42	----------	BATTERY	AA/R6 (x2)	
	43	QYSPSPD5016M	SCREW	M5 x 16mm(x2)	PD-50X795/Z
	44	QAU0382-001	RF SPLITTER		
	45	QAM0523-003	RF CABLE	(x2)	
	46	QQR1193-001	CORE FILTER	For Power cord	
	50	LC32608-001A-A	SEPARATOR	(x2)	PD-42X795/S
	50	LC32736-001A-A	SEPARATOR	(x2)	PD-50X795/Z
	52	CM36616-001-A	CORNER LABEL		

PACKING



TABLETOP STAND UNIT
[RK-PD4T1:PD-42X795/S] [RK-PD4T2:PD-50X795/Z]

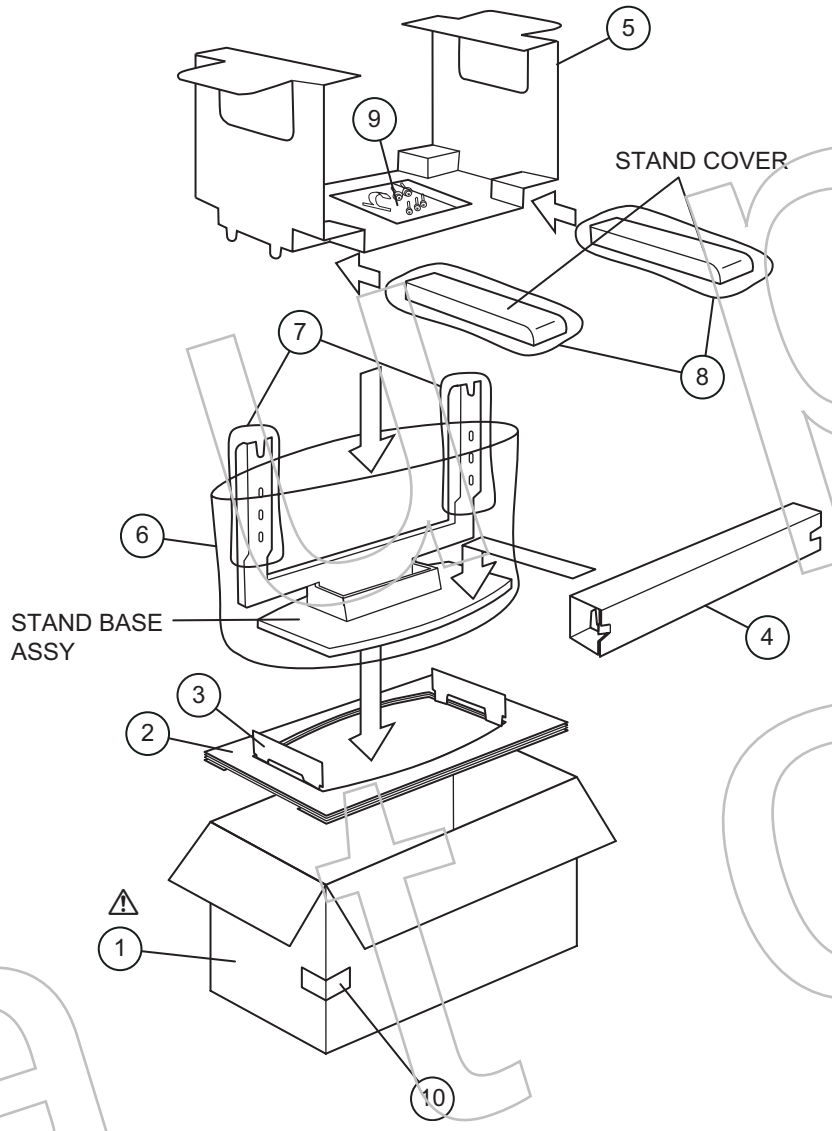
EXPLODED VIEW - 8



EXPLODED VIEW PARTS LIST - 8

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	RD4010-2	STAND COVER	(x2)	
	2	RD4010-4	SCREW	for STAND COVER, M3mm x 6mm(x4)	
	3	RD4010-3	SCREW	for BASE ASSY, M5mm x 20mm(x6)	
	4	RD4010-5	ASSY SCREW	for BASE ASSY, M5mm x 20mm(x2)	
	5	RD4010-6	CLAMP	for cable	

PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	1	RD4010-2-US	PACKING CASE		
	2	RD4010-8	CUSHION SHEET	Bottom(outer)	
	3	RD4010-9	CUSHION SHEET	Bottom(inner)	
	4	RD4010-10	CUSHION SHEET	Front	
	5	RD4010-11	CUSHION SHEET	Top	
	6	RD4010-12	POLY BAG	for STAND BASE ASSY	
	7	RD4010-13	POLY BAG	for STAND BASE ASSY(x2)	
	8	RD4010-14	POLY BAG	for STAND COVER(x2)	
	9	RD4010-15	POLY BAG	for SCREW, CLAMP	
	10	LC32519-001A	CARTON LABEL		PD-42X795/S
	10	LC32519-006A	CARTON LABEL		PD-50X795/Z

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